

FINAL SUBMITTAL

**ENERGY ENGINEERING ANALYSIS PROGRAM
LIGHTING SURVEY OF SELECTED BUILDINGS
PINE BLUFF ARSENAL
PINE BLUFF, ARKANSAS**

**VOLUME IIIA
SITE SURVEY FORMS**

**CONTRACT NO. DACA01-94-D-0038
DELIVERY ORDER NO. 0001**

PREPARED FOR:

**U.S. ARMY CORPS OF ENGINEERS
LITTLE ROCK, ARKANSAS**

PREPARED BY:

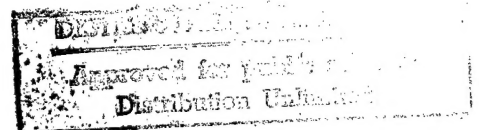
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DTIC QUALITY INSPECTED 2



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VOLUME IIIA
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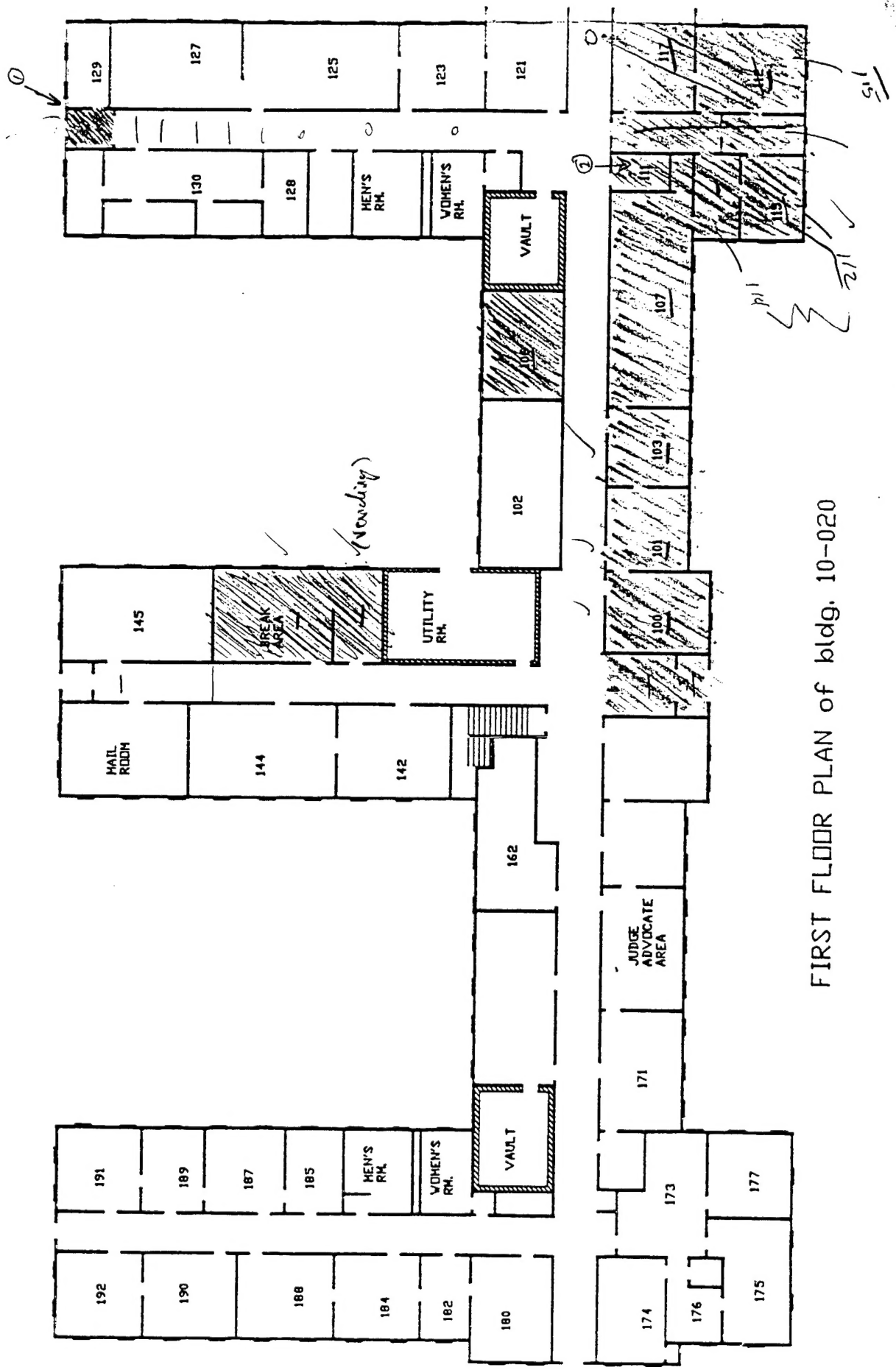
BLDG

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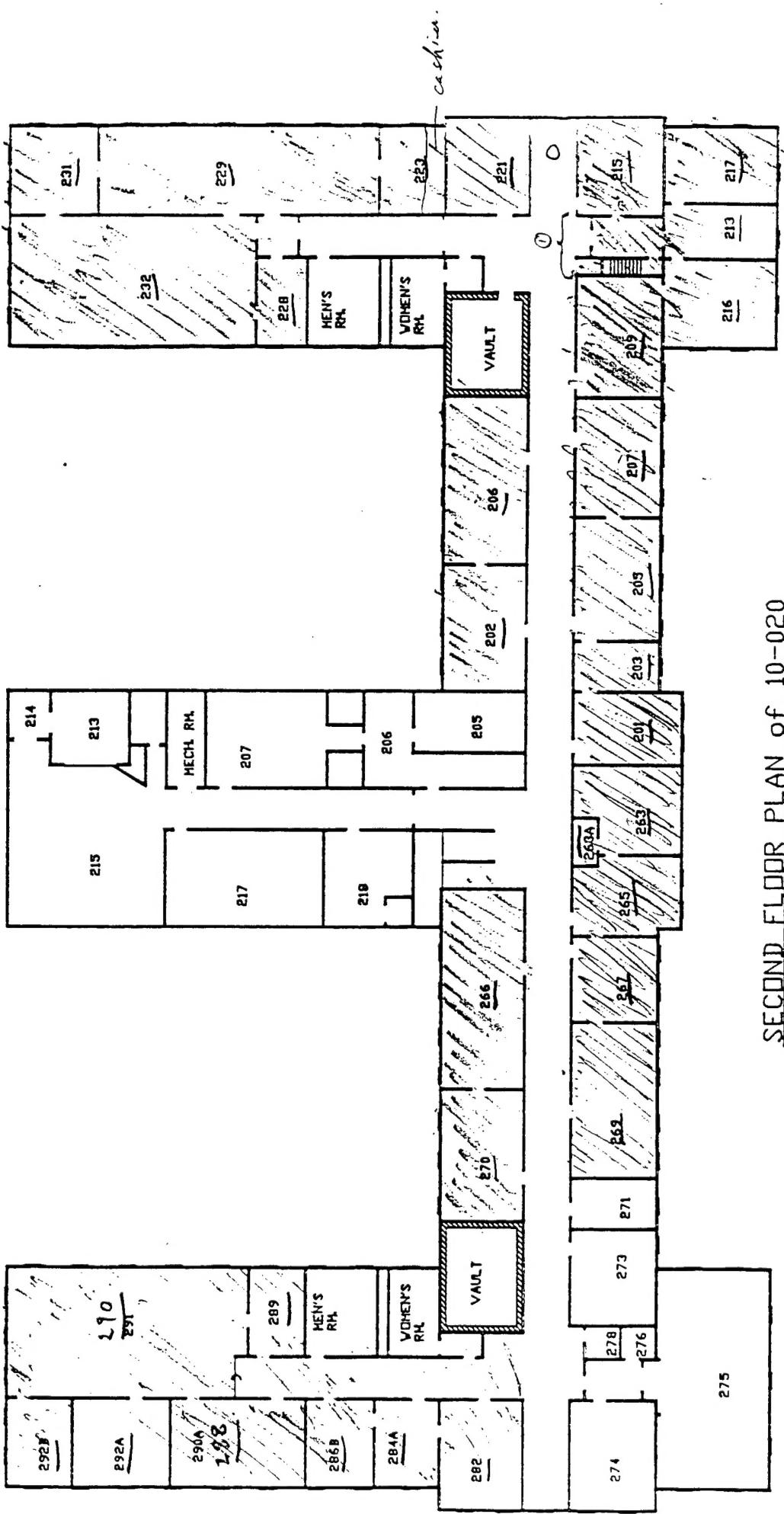
Info. { - vestibule
- Rm. III

Need Data:
① ②



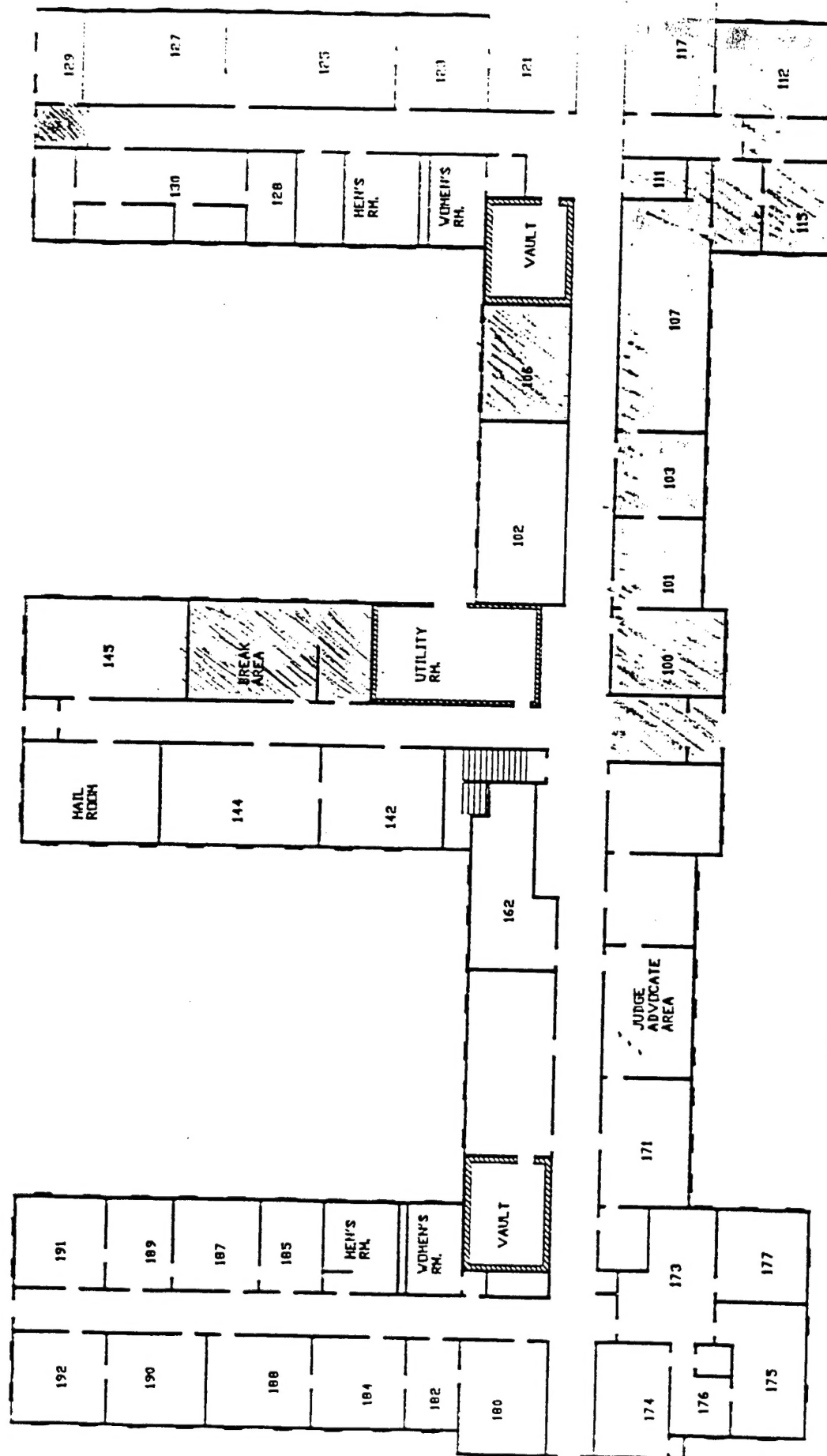
FIRST FLOOR PLAN of bldg. 10-020

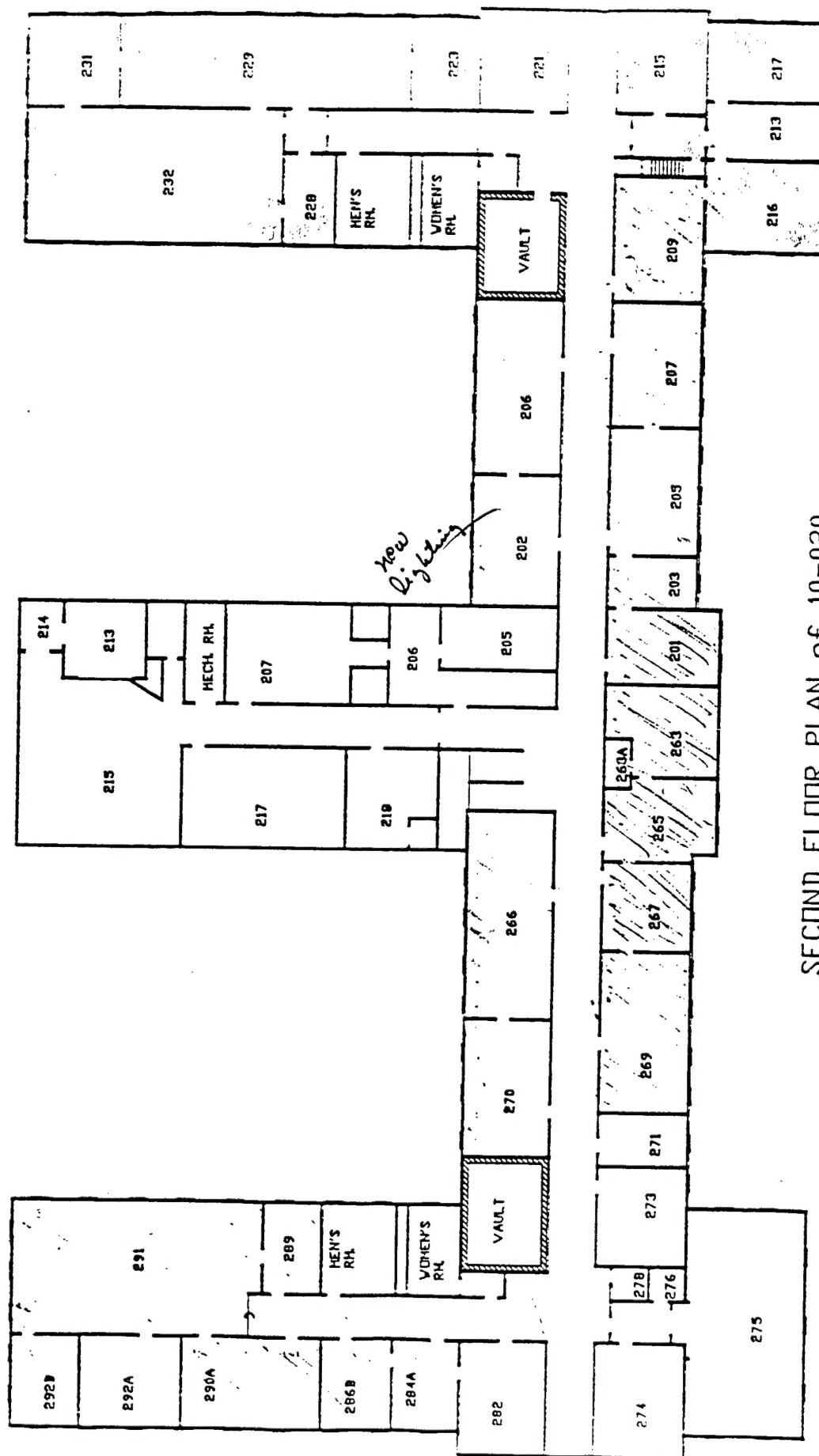
Need Data -
①



SECOND FLOOR PLAN of 10-020

Check Info.





LIGHTING SURVEY DATA SHEET

BLDG. # 10020

ROOM # _____

Area Description: Foyer 1

Area Dimensions: 12 ft X 16 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Compact

Switching - Type: WS No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>1</u>	<u>1</u>	<u>1</u>	<u>35</u>	_____	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 10020

ROOM # _____

Area Description: Foyer 2

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Compact Fluor.

Switching - Type: WS No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>1</u>	<u>1</u>	<u>1</u>	<u>7</u>	_____	_____

slip-

Front N
L R
4 + 2 Rec'd Shw 42
slap.
ROOM #

ROOM #

ROOM # _____

LIGHTING SURVEY DATA SHEET

BLDG. # 10020

ROOM # _____

Area Description: Vending

Area Dimensions: 15 ft X 9 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: S.M. Op. Egg Crate above screen

Switching - Type: WS No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: 3d 40w Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>294</u>	<u>2</u>	<u>3</u>	<u>23</u>	_____	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 10020

ROOM # 100

Area Description: Office

Area Dimensions: 13 ft X 17 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: S.M. Open Egg Crate

Switching - Type: WS No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>4</u>	<u>45</u>	<u>58</u>	_____

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # 101 ✓

Area Description: Office

Area Dimensions: 14 ft X 13 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: S.M. Op. Egg Crate

Switching - Type: WS No. 4

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____

Ballast Model: _____

Lamps/
Fixture

Ballast/
Fixture

No.
Fixture

FC

FC

FC

4

2

4

51

60

Operating Window unit

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # 103 ✓

Area Description: Office

Area Dimensions: 13 ft X 13 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Open Egg Crate

Switching - Type: WS No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____

Ballast Model: _____

Lamps/
Fixture

Ballast/
Fixture

No.
Fixture

FC

FC

FC

4

2

4

46

58

Window unit not on

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # 106 ✓

Area Description: Office

Area Dimensions: 18 ft X 12 ft. 2'

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: S.M. W-A Geryl.

Switching - Type: WS No. 1

Accessibility to User: good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>4</u>	<u>70</u>	<u>65</u>	_____

Window unit not on
* Many lamps not operating

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # 107 ✓

Area Description: Office

Area Dimensions: 37 ft X 13 ft. 9'

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: S.M. W-A Geryl.

Switching - Type: WS No. 2

Accessibility to User: good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>10</u>	<u>56</u>	<u>54</u>	_____

Wind unit not op.

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # 112
formerly 112 & 114

Area Description: Office
 Area Dimensions: 14 ft X 18 ft.
 Fixture Grid: _____ ft X _____ ft. (center-to-center)
 Fixture Type: S.M. Op. Egg Crate
 Switching - Type: WS No. 1
 Accessibility to User: Good
 Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>6</u>	<u>66</u>	_____	_____

Window unit
 Rm 111 is a janitor's closet

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # _____

Area Description: Hallway next to 117
 Area Dimensions: 6 ft X 32 ft.
 Fixture Grid: _____ ft X _____ ft. (center-to-center)
 Fixture Type: S.M. Egg Crate 2 fixtures have egg crate removed
 Switching - Type: WS No. 2
 Accessibility to User: _____
 Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2 of 4</u>	<u>2</u>	<u>2</u>	_____	<u>29</u>	_____
<u>4</u>	<u>2</u>	<u>2</u>	<u>32</u>	<u>44</u>	_____

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # 115 ✓

Area Description: Offices

Area Dimensions: 14 ft X 18 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: S.M. Open Egg Crate

Switching - Type: WS No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: 32, 40 mcp Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>6</u>	<u>77</u>	<u>86</u>	_____

Window unit not op.

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # 117 ✓

Area Description: _____

Area Dimensions: 18 ft X 13 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 5 S.M. Op. Egg Crate 1 S.M. WA (L)

Switching - Type: _____ No. _____

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>6</u>	<u>70</u>	<u>83</u>	_____
	<u>1</u>	<u>1</u>			

Window unit not op.

10-020

LIGHTING SURVEY DATA SHEET

BLDG. # _____ ROOM # 203 *skip*

Area Description: Office
 Area Dimensions: _____ ft X _____ ft.
 Fixture Grid: _____ ft X _____ ft. (center-to-center)
 Fixture Type: Open Egg crate S.M
 Switching - Type: WS No. 1
 Accessibility to User: Fair
 Hours of Operation: _____
 Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>3</u>	<u>73</u>	<u>54</u>	_____

LIGHTING SURVEY DATA SHEET

BLDG. # _____ ROOM # 201 *skip*

Area Description: Office
 Area Dimensions: _____ ft X _____ ft.
 Fixture Grid: _____ ft X _____ ft. (center-to-center)
 Fixture Type: S.M. Open egg crate
 Switching - Type: WS No. 1
 Accessibility to User: Fair Good
 Hours of Operation: _____
 Lamp Model: Mostly 34w Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>48</u>	_____	<u>3</u>	<u>43</u>	<u>63</u>	_____

*Many 34w
 Window unit not on*

LIGHTING SURVEY DATA SHEET

BLDG. # 10020

ROOM # 262 ✓

Area Description: Office

Area Dimensions: 19 ft X 14 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: S.M. Fluor. No. 6000 Strange type

Switching - Type: WS No. 1

Accessibility to User: Fair

Hours of Operation: _____

Lamp Model: _____

Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>4</u>	<u>70</u>	<u>95</u>	_____

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # 284 ✓

Area Description: Office

Area Dimensions: 15 ft X 11 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: S.M. Egg Cradle No reflector

Switching - Type: WS No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____

Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>2</u>	<u>57</u>	<u>44</u>	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 10020

ROOM # _____

slip

Area Description: Restroom

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 2 ~~Recessed~~ Recessed, 1 strip, 1 top hat

Switching - Type: _____ No. _____

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____

Ballast Model: _____

Box

Oversink

Entrance

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>2</u>	<u>51</u>	<u>29</u>	_____
<u>2</u>	<u>1</u>	<u>1</u>			
<u>1</u>	<u>—</u>	<u>1</u>	Incand. (75W)		

Very hot in room, no ~~apparently~~ overheated

LIGHTING SURVEY DATA SHEET

BLDG. # 10020

ROOM # 286B

✓

Area Description: Office

Area Dimensions: 15 ft X 13 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 3 ~~ws~~ 1 Open Egg, Crate

Switching - Type: WS No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____

Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>3</u>	<u>63</u>	<u>66</u>	_____
<u>2</u>	<u>1</u>	<u>1</u>			

Window A/C on

LIGHTING SURVEY DATA SHEET

BLDG. # 10020

ROOM # 288 ✓

Area Description: Office
 Area Dimensions: 15 ft X 25 ft.
 Fixture Grid: _____ ft X _____ ft. (center-to-center)
 Fixture Type: S.M. W-A acrylic
 Switching - Type: _____ No. _____
 Accessibility to User: _____
 Hours of Operation: _____
 Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>7</u>	<u>37-77</u> <u>(desk)</u>	<u>82</u>	_____

Desks in center of room - Fixtures in perimeter
 Windows A/C on
 Radiator on - manual valve won't close
 Ceiling fans

LIGHTING SURVEY DATA SHEET

BLDG. # 10020

ROOM # 272A ✓

Area Description: Office
 Area Dimensions: 15 ft X 16 ft. 9'
 Fixture Grid: _____ ft X _____ ft. (center-to-center)
 Fixture Type: Reg evole
 Switching - Type: WS No. 1
 Accessibility to User: Fair
 Hours of Operation: _____
 Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
_____	_____	_____	_____	_____	_____

For this wing could use drop ceiling
 Ceiling fans

LIGHTING SURVEY DATA SHEET

BLDG. # 10020

ROOM # 292 ✓

Area Description: Office

Area Dimensions: 9.5 ft X 15 ft. 2'

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: See below

Switching - Type: WS No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____

Ballast Model: _____

Lamps/
Fixture

Ballast/
Fixture

No.
Fixture

FC

FC

FC

W-A Cor. S.M. 2

1

1

31

37

Op. Egg Crate 4

2

1

Window A/C on
Reel has T'stat valve
O-Sensor would be good.

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # 290 ✓

Area Description: Breakroom (Plains & Pgn)

Area Dimensions: 43 ft X 22 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Open Egg Crate

Switching - Type: WS No. 3

Accessibility to User: Fair

Hours of Operation: _____

Lamp Model: _____

Ballast Model: _____

Lamps/
Fixture

Ballast/
Fixture

No.
Fixture

FC

FC

FC

4

2

18

52

79

Window A/C on
Need O Sensor

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # 289 ✓

Area Description: Storage

Area Dimensions: 15 ft X 9 ft. 9'

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: S.m. W-A Acrylic

Switching - Type: WS No. 1

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

<u>Lamps/ Fixture</u>	<u>Ballast/ Fixture</u>	<u>No. Fixture</u>	<u>FC</u>	<u>FC</u>	<u>FC</u>
<u>2</u>	<u>1</u>	<u>2</u>	<u>35</u>	<u>39</u>	<u> </u>

Need O'sensor

----- LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # _____

Area Description: _____

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: _____

Switching - Type: _____ No. _____

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

<u>Lamps/ Fixture</u>	<u>Ballast/ Fixture</u>	<u>No. Fixture</u>	<u>FC</u>	<u>FC</u>	<u>FC</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Mike Johnson

LIGHTING SURVEY DATA SHEET

BLDG. # 10020

ROOM # 221

Area Description: Office

Area Dimensions: 19 ft X 14.5 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Open Egg Crate

Switching - Type: WS No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: 40 1/2 34 W

Ballast Model: _____

<u>Lamps/ Fixture</u>	<u>Ballast/ Fixture</u>	<u>No. Fixture</u>	<u>FC</u>	<u>FC</u>	<u>FC</u>
<u>4</u>	<u>2</u>	<u>4</u>	<u>54</u>	<u>58</u>	_____

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # _____

Area Description: Cashier next to 221

Area Dimensions: 15 ft X 9.5 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 2 S.M. WA scrfl, 1 hanging 2 open

Switching - Type: WS No. 2 lock room

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: 40 1/2 34

Ballast Model: _____

<u>Lamps/ Fixture</u>	<u>Ballast/ Fixture</u>	<u>No. Fixture</u>	<u>FC</u>	<u>FC</u>	<u>FC</u>
<u>4</u>	<u>2</u>	<u>2</u>	_____	_____	_____
<u>2</u>	<u>1</u>	<u>1</u>	_____	_____	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 10020

ROOM # 223, 229 ✓

Area Description: Open Office area
 Area Dimensions: 15 ft X 50.5 ft.
 Fixture Grid: _____ ft X _____ ft. (center-to-center)
 Fixture Type: S.M.W-A Gargl.
 Switching - Type: Ws No. 2
 Accessibility to User: Fair
 Hours of Operation: _____
 Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>12</u>	<u>55</u>	<u>61</u>	_____

Ceiling fans

LIGHTING SURVEY DATA SHEET

BLDG. # 10020

ROOM # 231 ✓

Area Description: Office
 Area Dimensions: 15 ft X 15 ft.
 Fixture Grid: _____ ft X _____ ft. (center-to-center)
 Fixture Type: Egg Crate, Open
 Switching - Type: WS No. 1
 Accessibility to User: Good
 Hours of Operation: _____
 Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>2</u>	<u>47</u>	<u>79</u>	_____

Ceiling fans

LIGHTING SURVEY DATA SHEET

BLDG. # 10020

ROOM # 22B

Area Description: Office
 Area Dimensions: 15 ft X 9 ft.
 Fixture Grid: _____ ft X _____ ft. (center-to-center)
 Fixture Type: Open egg crate
 Switching - Type: WS No. 1
 Accessibility to User: good
 Hours of Operation: _____
 Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>2</u>	<u>29</u>	<u>35</u>	_____

Has individual ceiling mounted A/C

LIGHTING SURVEY DATA SHEET

BLDG. # 10020

ROOM # _____

Area Description: Open office next to 231
 Area Dimensions: 22.5 ft X 43 ft.
 Fixture Grid: _____ ft X _____ ft. (center-to-center)
 Fixture Type: Open egg crate
 Switching - Type: WS No. 2
 Accessibility to User: good
 Hours of Operation: _____
 Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>10</u>	<u>39</u>	<u>50</u>	_____

Many windows

LIGHTING SURVEY DATA SHEET

BLDG. # 10020

ROOM # 215 ✓

Area Description: Office

Area Dimensions: 19 ft X 14 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Open egg crate

Switching - Type: WS No. 1

Accessibility to User: Fair

Hours of Operation: _____

Lamp Model: _____

Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>6</u>	<u>50</u>	<u>50</u>	<u>—</u>

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # 217 ✓

Area Description: Office

Area Dimensions: 12 ft X 19 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Open Egg Crate

Switching - Type: WS No. 1

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____

Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>4</u>	<u>31</u>	<u>46</u>	<u>—</u>

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # 213 (1216) ✓

Area Description: Open Office

Area Dimensions: 19 ft X 25 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Open egg crate one W-A acryl.

Switching - Type: WS No. 2

Accessibility to User: Fair

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>7</u>	<u>37-67</u> <u>desktop</u>	_____	_____

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # 209 ✓

Area Description: Office

Area Dimensions: 21 ft X 14 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: egg

Switching - Type: WS No. 1

Accessibility to User: good

Hours of Operation: _____

Lamp Model: 34 1/2 40 Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>4</u>	<u>78</u>	_____	_____

Area Window AC on

LIGHTING SURVEY DATA SHEET



BLDG. # 10020

ROOM # 207 ✓

Area Description: Office

Area Dimensions: 20 ft X 14 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Scalloped  

Switching - Type: WS No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

<u>Lamps/ Fixture</u>	<u>Ballast/ Fixture</u>	<u>No. Fixture</u>	<u>FC</u>	<u>FC</u>	<u>FC</u>
<u>4</u>	<u>2</u>	<u>4</u>	<u>14</u>	<u>62</u>	_____

Windows A/C on

LIGHTING SURVEY DATA SHEET

BLDG. # 10020

ROOM # 205 ✓

Area Description: Office

Area Dimensions: 21 ft X 14 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Open Egg crate

Switching - Type: WS No. 1

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

<u>Lamps/ Fixture</u>	<u>Ballast/ Fixture</u>	<u>No. Fixture</u>	<u>FC</u>	<u>FC</u>	<u>FC</u>
<u>4</u>	<u>2</u>	<u>1</u>	<u>58</u>	<u>67</u>	_____

Windows A/C on

LIGHTING SURVEY DATA SHEET

Previous
Done

BLDG. # _____

ROOM # 200

✓ (2)

Area Description: Open Office

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: W-A Acrylic S.M.

Switching - Type: WS No. 1

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>6</u>	<u>58</u>	<u>60</u>	_____

Window unit on

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # 202

✓

Area Description: Office

Area Dimensions: 22 ft X 14.5 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec'd with acrylic lens

Switching - Type: WS No. 1

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>4</u>	<u>86</u>	<u>88</u>	_____

New lighting

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # 263 ✓

Area Description: Office / With bath one incand 263A

Area Dimensions: 15.5 ft X 18 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: S.M. Open Egg Crate

Switching - Type: _____ No. _____

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	_____	<u>5</u>	<u>69</u>	<u>54</u>	_____

Window unit on

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # 265 ✓

Area Description: Office

Area Dimensions: 13.5 ft X 18 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: S.M. Egg crate

Switching - Type: WS No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>4</u>	<u>41</u>	<u>31</u>	_____

Half bulbs are out

LIGHTING SURVEY DATA SHEET

BLDG. # _____ ROOM # 269 ✓

Area Description: Storage Office

Area Dimensions: 26.5 ft X 14 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: S.M. sq. Cate

Switching - Type: WS No. 2

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	_____	<u>6</u>	<u>24</u>	<u>56</u>	_____

Window unit
2 fans have no lamps

LIGHTING SURVEY DATA SHEET

BLDG. # _____ ROOM # 267 ✓

Area Description: Office

Area Dimensions: 14.5 ft X 14 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: S.M. sq. Cate

Switching - Type: WS No. 1

Accessibility to User: good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>4</u>	<u>55</u>	<u>73</u>	_____

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # 266

Area Description: Office

Area Dimensions: 34 ft X 14.5 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: S.M. Egg Crate

Switching - Type: WS No. 1

Accessibility to User: good

Hours of Operation: _____

Lamp Model: 34 & 40 W mix Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>8</u>	<u>70</u>	<u>19</u>	_____

2 Window units

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # 270

Area Description: Office

Area Dimensions: 22.5 ft X 14.5 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: S.M. Egg Crate

Switching - Type: WS No. 1

Accessibility to User: good

Hours of Operation: _____

Lamp Model: 34/40 W mix Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>6</u>	<u>48</u>	<u>39</u>	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 10020

ROOM # _____

slat

Area Description: Admin 2ND Floor Hallway

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Single Globe

Switching - Type: _____ No. 5, 1 per wing 2 on main hallway

Accessibility to User: Fair

Hours of Operation: _____

Lamp Model: Compact Fluor. 2 tube Ballast Model: _____

	Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
Main	<u>1</u>	<u>1</u>	<u>8 of 12</u>	<u>4</u>	<u>0.5</u>	_____
L	<u>1</u>	<u>1</u>	<u>1 of 3</u>	<u>4</u>	<u>0.5</u>	_____
4 th Floor R	<u>4</u>	<u>2</u>	<u>6</u>	<u>68</u>	<u>38</u>	_____
R	<u>1</u>	<u>1</u>	<u>of 3</u>	<u>4</u>	<u>0.5</u>	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 10020

ROOM # 207/207A

Area Description: Admin Office Suite - Locked Lights out

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: _____

Switching - Type: _____ No. _____

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

	Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
_____	_____	_____	_____	_____	_____	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 10020

ROOM # _____

skip

Area Description: Briefing Room

Area Dimensions: _____ ft X _____ ft. 8'

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec'd Flu w/ acrylic

Switching - Type: dimmer No. 2

Accessibility to User: _____

Hours of Operation: Intermittent

Lamp Model: F40T12CW

Ballast Model: Magne tek 502-A-TC-P

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>12</u>	<u>40</u>	<u>100</u>	_____

Some fixture have 34W lamps intermixed
Incand. Exit Signs

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # 204/205A

skip

Area Description: Security

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec'd Genl

Switching - Type: WS No. 2

Accessibility to User: _____

Hours of Operation: 24h/day

Lamp Model: _____

Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>6</u>	<u>69</u>	<u>74</u>	_____

LIGHTING SURVEY DATA SHEET

BLDG. # _____ ROOM # _____

Area Description: Cubby Hole South End (Hallway)

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: S.M. Egg Crates

Switching - Type: ? No. ?

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>1</u>	<u>47</u>	_____	_____

LIGHTING SURVEY DATA SHEET

BLDG. # _____ ROOM # _____

Area Description: _____

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: _____

Switching - Type: _____ No. _____

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
_____	_____	_____	_____	_____	_____

LIGHTING SURVEY DATA SHEET

10-020

BLDG. # _____ ROOM # _____

Area Description: Right Wing

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: _____

Switching - Type: _____ No. _____

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

	<u>Lamps/ Fixture</u>	<u>Ballast/ Fixture</u>	<u>No. Fixture</u>	<u>FC</u>	<u>FC</u>	<u>FC</u>	<u>HT</u>
Compacts	<u>1</u>	<u>1</u>	<u>3</u>	<u>4</u>	—	—	<u>10'</u>
Rec'd 2x4	<u>2</u>	<u>2</u>	<u>4</u>	—	—	—	<u>8'</u>
S.M. Egg Cont'd	<u>4</u>	<u>2</u>	<u>1</u>	<u>53</u>	—	—	<u>10'</u>

LIGHTING SURVEY DATA SHEET

BLDG. # _____ ROOM # _____

Area Description: Center Wing

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: See below

Switching - Type: WS No. 2

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

	<u>Lamps/ Fixture</u>	<u>Ballast/ Fixture</u>	<u>No. Fixture</u>	<u>FC</u>	<u>FC</u>	<u>FC</u>
Compacts	<u>1</u>	<u>1</u>	<u>4</u>	—	—	—
Rec'd 2x4	<u>4</u>	<u>2</u>	<u>2</u>	—	—	—

LIGHTING SURVEY DATA SHEET

10-020

BLDG. # _____

ROOM # _____

Area Description: Left Wing

Area Dimensions: _____ ft X _____ ft. 8'

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec'd 1x4 Geryl

Switching - Type: WS No. 2

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

<u>Lamps/ Fixture</u>	<u>Ballast/ Fixture</u>	<u>No. Fixture</u>	<u>FC</u>	<u>FC</u>	<u>FC</u>
<u>2</u>	<u>1</u>	<u>6</u>	<u>20</u>	<u>7</u>	_____

Inc. Exit Sign

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # _____

Area Description: _____

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: _____

Switching - Type: _____ No. _____

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

<u>Lamps/ Fixture</u>	<u>Ballast/ Fixture</u>	<u>No. Fixture</u>	<u>FC</u>	<u>FC</u>	<u>FC</u>
_____	_____	_____	_____	_____	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 10030

ROOM # _____

Area Description: Conference Room

Area Dimensions: _____ ft X _____ ft. 2 1/2

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec'd Prismatic

Switching - Type: WS No. 4

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>2</u>	<u>65</u>	<u>50</u>	_____

Radioactive

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # _____

Area Description: Entrance Hallway

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec'd Prism

Switching - Type: WS No. 2

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>4</u>	<u>35</u>	<u>38</u>	_____

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # _____

Area Description: Office 1 File Room

Area Dimensions: _____ ft X _____ ft. 20 1/2

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec'd Prism

Switching - Type: WS No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>4</u>	<u>49</u>	<u>47</u>	_____

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # _____

Area Description: Storage

Area Dimensions: _____ ft X _____ ft. 8'

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec'd Prism

Switching - Type: WS No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>1</u>	<u>34</u>	<u>70</u>	_____
<u>2</u>	<u>1</u>	<u>1</u>	}		

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # _____

Area Description: Office 1

Area Dimensions: _____ ft X _____ ft. 9 1/2

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec'd Prism

Switching - Type: WS No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>2</u>	<u>71</u>	<u>68</u>	_____

Central A/C

----- LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # _____

Area Description: Open Office

Area Dimensions: _____ ft X _____ ft. 9 1/2

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec'd Prism

Switching - Type: WS No. 224 either

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>8</u>	<u>52</u>	<u>21</u>	_____
<u>2</u>	<u>1</u>	<u>1</u>	_____	_____	_____

Uband

<u>2</u>	<u>1</u>	<u>1</u>
----------	----------	----------

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # _____

Area Description: Office 2

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec'd Prim.

Switching - Type: WS No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>2</u>	<u>50</u>	_____	_____

----- LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # _____

Area Description: Office 3, 4, 5, 6

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec'd Prim.

Switching - Type: WS No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>2</u>	<u>91*</u>	_____	_____

* Lots of daylighting

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # _____

Area Description: Office & Breakroom

Area Dimensions: _____ ft X _____ ft. 8'

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec'd Presim

Switching - Type: WS No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>2</u>	_____	_____	_____

Daylighting intense - photocell could work

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # _____

Area Description: Restroom

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: S.M. Strip 2 on ceiling 1 on wall

Switching - Type: WS No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>3</u>	<u>32</u>	<u>56</u>	_____

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # _____

Area Description: Janitor's Room

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec'd Prism

Switching - Type: WS No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>		<u>2</u>	<u>56</u>	<u>63</u>	

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # _____

Area Description: Office 7

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec'd Prism

Switching - Type: WS No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>3</u>	<u>43</u>	<u>37</u>	

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # _____

Area Description: Office 8

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec'd Prism

Switching - Type: WS No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>2</u>	<u>53</u>	_____	_____

Half Lamps Out

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # _____

Area Description: East Entrance 1 / ~~South Entrance~~

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec'd Prism

Switching - Type: WS No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>1</u>	<u>65*</u>	_____	_____

Uband

* Daylight

LIGHTING SURVEY DATA SHEET

BLDG. # _____ ROOM # _____

Area Description: Hallway

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec'd Prism

Switching - Type: WS No. 2

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>3</u>	<u>18</u>	<u>64</u>	<u> </u>

LIGHTING SURVEY DATA SHEET

BLDG. # _____ ROOM # _____

Area Description: Men's Room / Women's Rm

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: SM Gasketed Strip

Switching - Type: WS No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>1</u>	<u>21</u>	<u> </u>	<u> </u>

LIGHTING SURVEY DATA SHEET

BLDG. # _____ ROOM # _____

Area Description: Office #9

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec'd P.

Switching - Type: WS No. 1

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>2</u>	<u>52</u>	_____	_____

LIGHTING SURVEY DATA SHEET

BLDG. # _____ ROOM # _____

Area Description: Open Office #2

Area Dimensions: _____ ft X _____ ft. 8'

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec'd P.

Switching - Type: WS No. 1

Accessibility to User: good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>8</u>	<u>81</u>	<u>60</u>	_____

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # _____

Area Description: Computer Rm

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec'd P.

Switching - Type: WS No. 1

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>1</u>	<u>1</u>	<u>71</u>	<u> </u>	<u> </u>

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # _____

Area Description: South Entrance

Area Dimensions: _____ ft X _____ ft. 8'

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec'd P.

Switching - Type: WS No. 1

Accessibility to User: good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>1</u>	<u>1</u>	<u>101</u>	<u> </u>	<u> </u>

Overheated

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # _____

Area Description: East Entrance 1 North Entrance is same

Area Dimensions: _____ ft X _____ ft. 8'

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: S.M. Strip W-A Ceryl.

Switching - Type: WS No. 1

Accessibility to User: good

Hours of Operation: _____

Lamp Model: _____

Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>1</u>	_____	_____	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 17010

ROOM # _____

Area Description: _____

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: _____

Switching - Type: _____ No. _____

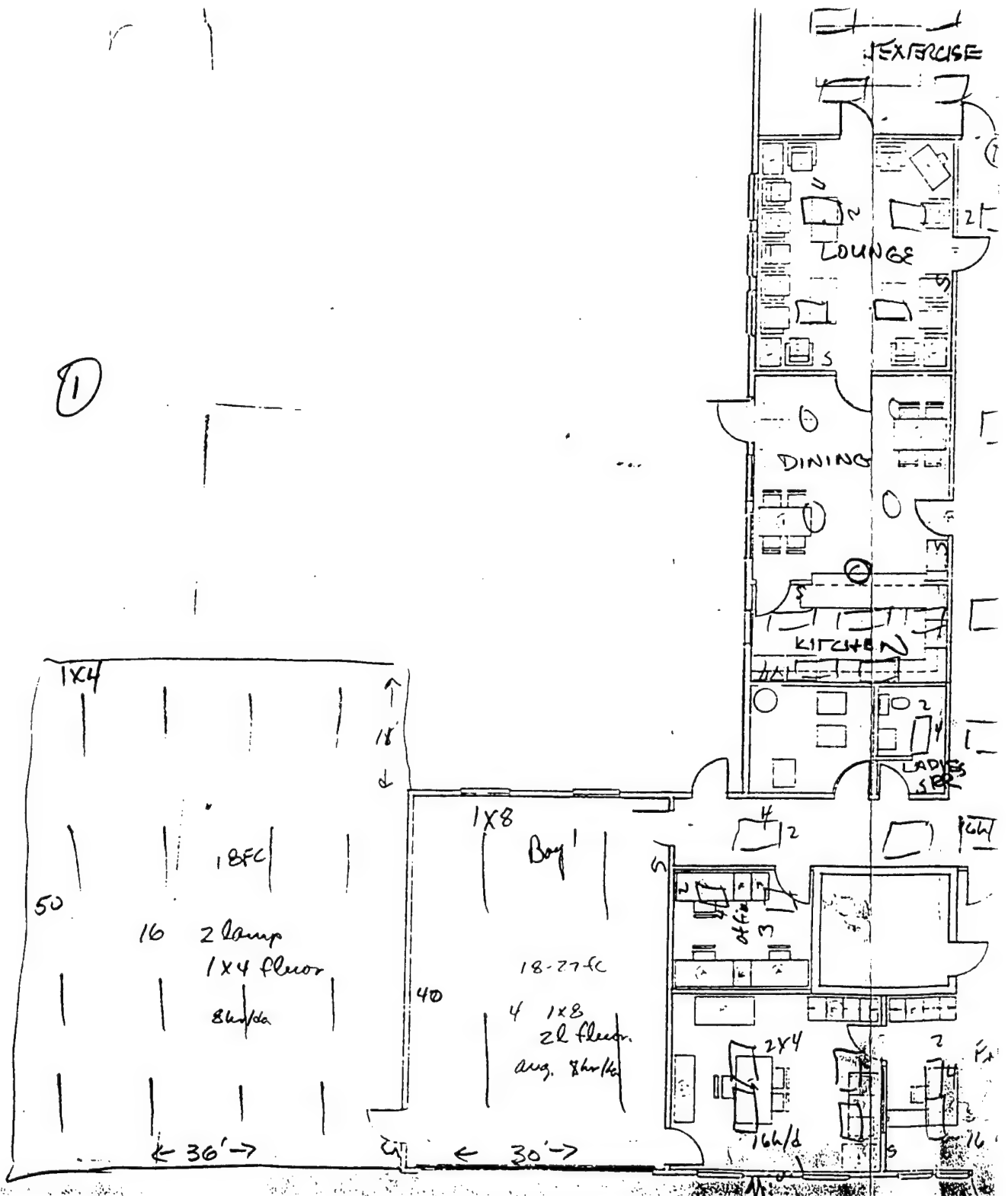
Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____

Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
_____	_____	_____	_____	_____	_____



A hand-drawn floor plan of a building, likely a school or institutional facility. The plan shows several rooms and corridors. At the top left is a room labeled "XERCISE". To its right is a "LAUNDRY" room. Below the exercise room is a "TOILET / SHOWER" area. A large central area is labeled "SLEEPING". To the left of the sleeping area are two rows of small rectangular rooms, possibly classrooms or offices. At the bottom left is a "LADIES ROOM". At the bottom center is an "Entrance" with a set of stairs leading up. To the right of the entrance is a "TV Room". Various numbers (e.g., 2, 4, 5, 6) are written near different rooms, possibly indicating room numbers or counts. The drawing is done in black ink on white paper.

SCALE
 $\frac{1}{16}'' = 1.0'$

50x45
Joe

LIGHTING SURVEY DATA SHEET

Fire Station

10-050

BLDG. # _____

ROOM # _____

Area Description: Subway Foyer

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec'd w/acryl.

Switching - Type: _____ No. _____

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

<u>Lamps/ Fixture</u>	<u>Ballast/ Fixture</u>	<u>No. Fixture</u>	<u>FC</u>	<u>FC</u>	<u>FC</u>
<u>4</u>	<u>2</u>	<u>4</u>	<u>51</u>	<u>76</u>	_____

----- LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # _____

Area Description: Office 1

Area Dimensions: _____ ft X _____ ft. 8.5

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec'd w/acryl.

Switching - Type: WS No. 2 either

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

<u>Lamps/ Fixture</u>	<u>Ballast/ Fixture</u>	<u>No. Fixture</u>	<u>FC</u>	<u>FC</u>	<u>FC</u>
<u>4</u>	<u>2</u>	<u>4</u>	<u>73</u>	<u>67</u>	_____

LIGHTING SURVEY DATA SHEET

BLDG. # _____ ROOM # _____

Area Description: Bay 1
 Area Dimensions: _____ ft X _____ ft. 8.5
 Fixture Grid: _____ ft X _____ ft. (center-to-center)
 Fixture Type: Enclosed - gasketed
 Switching - Type: WS No. 1
 Accessibility to User: Fair
 Hours of Operation: _____
 Lamp Model: F96T12 Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>4</u>	<u>10</u>	<u>27</u>	<u> </u>

----- LIGHTING SURVEY DATA SHEET

BLDG. # _____ ROOM # _____

Area Description: Bay 2
 Area Dimensions: _____ ft X _____ ft. 20'
 Fixture Grid: _____ ft X _____ ft. (center-to-center)
 Fixture Type: W-a conf. s.m. Can't lower
 Switching - Type: WS No. 1
 Accessibility to User: _____
 Hours of Operation: _____
 Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>12</u>	<u>19</u>	<u>13</u>	<u> </u>

LIGHTING SURVEY DATA SHEET

BLDG. # _____ ROOM # _____

Area Description: Office 2

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec'd Fluor. w acrylic

Switching - Type: WS No. 1

Accessibility to User: good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>4</u>	<u>56</u>	<u>66</u>	—

LIGHTING SURVEY DATA SHEET

BLDG. # _____ ROOM # _____

Area Description: Hallways

Area Dimensions: _____ ft X _____ ft. 1'

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec'd w/ Gorgl

Switching - Type: _____ No. _____

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>9</u>	<u>39</u>	<u>12</u>	—

LIGHTING SURVEY DATA SHEET

BLDG. # _____ ROOM # _____

Area Description: Kitchen / Dining

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 4) Chandelier 575W inc + 1 50watt PAR

Switching - Type: WS No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>6</u>	<u>0</u>	<u>4</u>	<u>22</u>	<u>24</u>	_____

LIGHTING SURVEY DATA SHEET

BLDG. # _____ ROOM # _____

Area Description: Kitchen

Area Dimensions: _____ ft X _____ ft. 8.5

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: S.M. W-A acryl.

Switching - Type: WS No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>5</u>	<u>40</u>	_____	_____

LIGHTING SURVEY DATA SHEET

BLDG. # _____ ROOM # _____

Area Description: Lounge

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec'd w/ acryl.

Switching - Type: WS No. 1

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

<u>Lamps/ Fixture</u>	<u>Ballast/ Fixture</u>	<u>No. Fixture</u>	<u>FC</u>	<u>FC</u>	<u>FC</u>
<u>2</u>	<u>1</u>	<u>4</u>	_____	_____	_____

LIGHTING SURVEY DATA SHEET

BLDG. # _____ ROOM # _____

Area Description: R Exercise Rm

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: ~~Subst. Type~~ Rec'd w/ acryl

Switching - Type: WS No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

<u>Lamps/ Fixture</u>	<u>Ballast/ Fixture</u>	<u>No. Fixture</u>	<u>FC</u>	<u>FC</u>	<u>FC</u>
<u>2</u>	<u>1</u>	<u>6</u>	<u>40</u>	<u>44</u>	_____

LIGHTING SURVEY DATA SHEET

BLDG. # _____ ROOM # _____

Area Description: Landry

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec'd floor w/acrylic

Switching - Type: WS No. 1

Accessibility to User: good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>2</u>	<u>33</u>	<u>45</u>	_____

LIGHTING SURVEY DATA SHEET

BLDG. # _____ ROOM # _____

Area Description: Rastrum/Shower

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: S.M. Gorge W-A

Switching - Type: WS No. 2

Accessibility to User: good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>4</u>	<u>22</u>	<u>30</u>	_____

LIGHTING SURVEY DATA SHEET

BLDG. # _____ ROOM # _____

Area Description: Sleeping Areas

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec'd fl w ceryl / 1/2 inc. above bed (25w)

Switching - Type: _____ No. 1 Located in main office

Accessibility to User: Poor

Hours of Operation: _____

Lamp Model: _____

Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>3</u>	<u>27</u>	_____	_____
<u>6</u>	<u>2</u>	<u>6</u>			

inc

Too many partitions for 0 sensor

LIGHTING SURVEY DATA SHEET

BLDG. # _____ ROOM # _____

Area Description: TV Room

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: _____

Switching - Type: WS No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____

Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	_____	<u>4</u>	_____	_____	_____

Most lamps disconnected to watch TV
One glowing in 3, 2 in the 4th

LIGHTING SURVEY DATA SHEET

BLDG. # _____ ROOM # _____

Area Description: Office 3

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec'd w/ acryl.

Switching - Type: WS No. 1

Accessibility to User: good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>2</u>	<u>50</u>	<u>59</u>	<u> </u>

LIGHTING SURVEY DATA SHEET

BLDG. # _____ ROOM # _____

Area Description: Ladies Rest

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec'd flr w/ acrylic

Switching - Type: WS No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>1</u>	<u>54</u>	<u> </u>	<u> </u>

LIGHTING SURVEY DATA SHEET

BLDG. # _____ ROOM # _____

Area Description: Bay 3

Area Dimensions: _____ ft X _____ ft. 12'

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: S.M. 1x8 gasketed strip

Switching - Type: WS No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: F96T12 Slimline Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>4</u>	<u>20</u>	_____	_____

LIGHTING SURVEY DATA SHEET

BLDG. # _____ ROOM # _____

Area Description: _____

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: _____

Switching - Type: _____ No. _____

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
_____	_____	_____	_____	_____	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 13010

ROOM # _____

Area Description: Offices all alikeArea Dimensions: _____ ft X _____ ft. 10'

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: S.M. 2x4 with plastic coverSwitching - Type: WS No. 1Accessibility to User: good - FairHours of Operation: 1 Shift

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>2</u>	<u>32-55</u>	_____	_____

Central A/C

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # _____

Area Description: Restroom

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 4' strip & 1 cand.Switching - Type: WS No. 1Accessibility to User: good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>41</u>	<u>2</u>	<u>1</u>	<u>20</u>	_____	_____
In cand <u>1</u>	<u>-</u>	<u>1</u>			

LIGHTING SURVEY DATA SHEET

BLDG. # 13010

ROOM # _____

Area Description: Training Rm

Area Dimensions: _____ ft X _____ ft. 9'

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec'd Prim.

Switching - Type: Wg No. 1

Accessibility to User: good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>4</u>	<u>53</u>	<u>1</u>	_____

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # _____

Area Description: Hallway

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: S.M. W-A Acuf.

Switching - Type: WS No. 2 either

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>4</u>	_____	_____	_____

Two Exit Signs

LIGHTING SURVEY DATA SHEET

BLDG. # 13-020

ROOM # _____

Area Description: WAITING ROOM

Area Dimensions: 18 ft X 19.5 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center).

Fixture Type: 4' S.M.W.A

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: 40W

Ballast Model: ESB

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>4</u>	<u>56</u>	_____	_____

5' CEIL

DAYLIGHTING ADDS TO FC

LIGHTING SURVEY DATA SHEET

BLDG. # 13-020

ROOM # _____

Area Description: ENTRANCE FOYER

Area Dimensions: 9 ft X 17 ft.

Fixture Grid: 4' S.M. ft X _____ ft. (center-to-center)

Fixture Type: 4' S.M. STRIPS

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: 40W

Ballast Model: STD

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>2</u>	<u>34</u>	_____	_____

1 EXIT SIGN

CEIL - 9'

LIGHTING SURVEY DATA SHEET

BLDG. # 13-020

ROOM # _____

Area Description: RECEP OFFICE

Area Dimensions: 7'3" ft X 16.5 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 4' SIM. STRIP

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: 40W

Ballast Model: _____

<u>Lamps/ Fixture</u>	<u>Ballast/ Fixture</u>	<u>No. Fixture</u>	<u>FC</u>	<u>FC</u>	<u>FC</u>
<u>2</u>	<u>1</u>	<u>3</u>	<u>48</u>	_____	_____

9' LEIL

LIGHTING SURVEY DATA SHEET

BLDG. # 13-020

ROOM # _____

Area Description: RECORDS

Area Dimensions: 12 ft X 16.5 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 4' SIM. STRIP

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: 40W

Ballast Model: _____

<u>Lamps/ Fixture</u>	<u>Ballast/ Fixture</u>	<u>No. Fixture</u>	<u>FC</u>	<u>FC</u>	<u>FC</u>
<u>2</u>	<u>1</u>	<u>4</u>	<u>29</u>	<u>38</u>	_____

9' LEIL

LIGHTING SURVEY DATA SHEET

BLDG. # 13-020

ROOM # _____

Area Description: OFFICE #1

Area Dimensions: 14'7" ft X 16.5 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 4' S.M. STRID

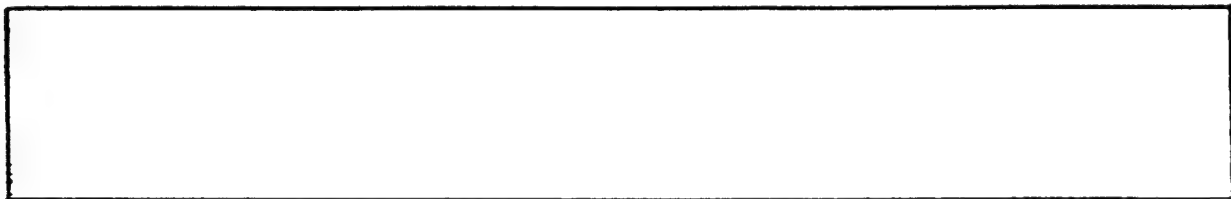
Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: 40W Ballast Model: STD

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>4</u>	_____	_____	_____



LIGHTING SURVEY DATA SHEET

BLDG. # 13-020

ROOM # _____

Area Description: WOMENS ROOM

Area Dimensions: SEE SKETCH ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: INCLD 75 W

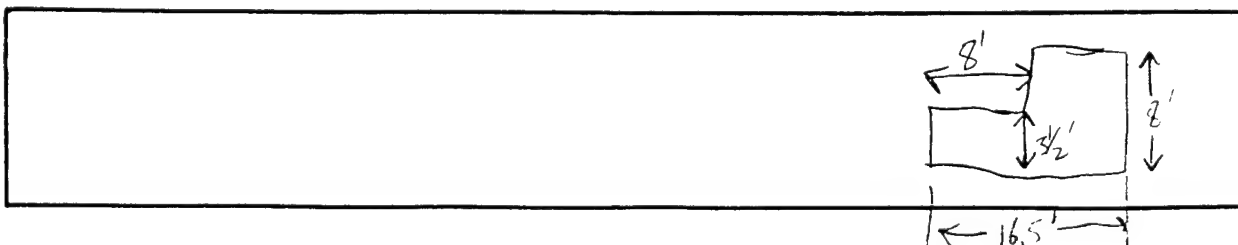
Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>/</u>	<u>/</u>	<u>2</u>	<u>5</u>	_____	_____



LIGHTING SURVEY DATA SHEET

BLDG. # 13-020

ROOM # _____

Area Description: MEN'S RM

Area Dimensions: SEE DRAW ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center).

Fixture Type: INCAD 75W

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: _____

Ballast Model: _____

Lamps/
Fixture

Ballast/
Fixture

No.
Fixture

FC

FC

FC

2

LIGHTING SURVEY DATA SHEET

BLDG. # 13-020

ROOM # _____

Area Description: DOCTOR'S OFFICE

Area Dimensions: 12 ft X 17 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 4' S.M. STRIP (3) S.M. APPL. (1)

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: 40W

Ballast Model: STD

Lamps/
Fixture

Ballast/
Fixture

No.
Fixture

FC

FC

FC

2

1

3

58

4

2

1

LIGHTING SURVEY DATA SHEET

BLDG. # 13-020

ROOM # _____

Area Description: EXAM ROOM

Area Dimensions: 11'10" ft X 13'8" ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center).

Fixture Type: 4' S.M. STRIP

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: 40W

Ballast Model: STD

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>2</u>	<u>29</u>	_____	_____

9' CEIL

LIGHTING SURVEY DATA SHEET

BLDG. # 13-020

ROOM # _____

Area Description: PATIENT LOBBY

Area Dimensions: 7'7" ft X 12 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 4' S.M. ACRYLIC

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: 40W

Ballast Model: STD

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>1</u>	<u>22</u>	_____	_____

9' CEIL

LIGHTING SURVEY DATA SHEET

BLDG. # 13-020

ROOM # _____

Area Description: HALL

Area Dimensions: 7' 7" ft X 85 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: INCAD 75W (2) 4'S.M. ACRYLIC 4' EGGCRATE (1)

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: 40W

Ballast Model: STD / ESB

Lamps/
Fixture

Ballast/
Fixture

No.
Fixture

FC

FC

FC

4

2

1

53

5

1 EXIT SIGN
9' CEIL

AREA
OF
PROJECT

LIGHTING SURVEY DATA SHEET

BLDG. # 13-020

ROOM # _____

Area Description: X-RAY DEVELOPING

Area Dimensions: 10' 4" ft X 9.5 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: INCAD 75W

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: _____

Ballast Model: _____

Lamps/
Fixture

Ballast/
Fixture

No.
Fixture

FC

FC

FC

1

1

4

13

9.5' CEIL

LIGHTING SURVEY DATA SHEET

BLDG. # 13-020

ROOM # _____

Area Description: X-RAY READING

Area Dimensions: 5.5 ft X 9.5 ft.

Fixture Grid: ~~5.5~~ ft X _____ ft. (center-to-center)

Fixture Type: INCAD 100W

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: _____

Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u> </u>	<u> </u>	<u>2</u>	<u>14</u>	<u> </u>	<u> </u>

1 LAMP HAS PULL CORD
9.5' CEIL

LIGHTING SURVEY DATA SHEET

BLDG. # 13-020

ROOM # _____

Area Description: X-RAY

Area Dimensions: 10'7" ft X 16.5 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 4x2 SIM. ACRYLIC

Switching - Type: DIMMER No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: 40W

Ballast Model: ESB

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>2</u>	<u>66</u>	<u> </u>	<u> </u>

9.5' CEIL

↑
FULL
POWER

LIGHTING SURVEY DATA SHEET

BLDG. # B-020

ROOM # _____

Area Description: X-RAY TECH

Area Dimensions: 7 ft X 10 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 4' EGGUAM

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: 40W Ballast Model: STD

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>1</u>	<u>20</u>	_____	_____

2 LAMPS REMOVED
9.5' LBL

LIGHTING SURVEY DATA SHEET

BLDG. # B-020

ROOM # _____

Area Description: WAITING ROOM

Area Dimensions: 10 ft X 6' 10" ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 4' EGGUAM

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: 40W Ballast Model: STD

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>1</u>	<u>29</u>	_____	_____

9.5' LBL

LIGHTING SURVEY DATA SHEET

BLDG. # 13-020

ROOM # _____

Area Description: RESTROOM
 Area Dimensions: 4.5 ft X 7.5 ft.
 Fixture Grid: _____ ft X _____ ft. (center-to-center).
 Fixture Type: INCLAD 75W
 Switching - Type: WALL No. 1
 Accessibility to User: OK
 Hours of Operation: _____

Lamp Model: _____		Ballast Model: _____			
<u>Lamps/ Fixture</u>	<u>Ballast/ Fixture</u>	<u>No. Fixture</u>	<u>FC</u>	<u>FC</u>	<u>FC</u>
<u>1</u>	<u>1</u>	<u>1</u>	<u>6</u>	<u> </u>	<u> </u>

9.5' CEIL

LIGHTING SURVEY DATA SHEET

BLDG. # 13-022

ROOM # _____

Area Description: RECORDS STORAGE
 Area Dimensions: 15 ft X 10 ft.
 Fixture Grid: _____ ft X _____ ft. (center-to-center)
 Fixture Type: 4' S.M. STRIP
 Switching - Type: WALL No. 1
 Accessibility to User: OK
 Hours of Operation: _____

Lamp Model: <u>40W</u>		Ballast Model: <u>STD</u>			
<u>Lamps/ Fixture</u>	<u>Ballast/ Fixture</u>	<u>No. Fixture</u>	<u>FC</u>	<u>FC</u>	<u>FC</u>
<u>2</u>	<u>1</u>	<u>2</u>	<u>25</u>	<u> </u>	<u> </u>

9.5' CEIL

LIGHTING SURVEY DATA SHEET

BLDG. # 13-020

ROOM # _____

Area Description: HALL #2

Area Dimensions: 5' 9" ft X 22.5 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 4' EGGCRATE

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: 40 W

Ballast Model: STD

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>2</u>	<u>35</u>	<u>30</u>	_____

2 LAMPS REMOVED FROM EACH

LIGHTING SURVEY DATA SHEET

BLDG. # 13-020

ROOM # _____

Area Description: SCRUB ROOM

Area Dimensions: 7 ft X 14 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 2x4 S.M. ACRYLIC

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: 40 W

Ballast Model: ESB

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>2</u>	<u>51</u>	_____	_____

9.5 LEIL.

LIGHTING SURVEY DATA SHEET

BLDG. # 13-020

ROOM # _____

Area Description: OPER. ROOM

Area Dimensions: 17 ft X 17 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 4X2 S.M. ACRYLIC

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: 40W

Ballast Model: ESB

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>4</u>	<u>62</u>	<u>59</u>	<u> </u>

1 EXIT SIGN

LIGHTING SURVEY DATA SHEET

BLDG. # 13-020

ROOM # _____

Area Description: MEDICINE STORAGE

Area Dimensions: 6.5 ft X 17 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 2X4 S.M. ACRY.

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: 40W

Ballast Model: ESB

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>3</u>	<u>98</u>	<u>85</u>	<u> </u>

9.5' LGIL USED FOR
DRUG DISPENS.

LIGHTING SURVEY DATA SHEET

BLDG. # 13-020

ROOM # _____

Area Description: AMBULANCE ENTRANCE

Area Dimensions: 7'4" ft X 11 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 4' S.M.W.L

Switching - Type: WALL No. _____

Accessibility to User: NOT SURE

Hours of Operation: _____

Lamp Model: 40W

Ballast Model: STD

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>1</u>	_____	_____	_____

9.5' LCL

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # _____

Area Description: _____

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: _____

Switching - Type: _____ No. _____

Accessibility to User: _____

Hours of Operation: _____

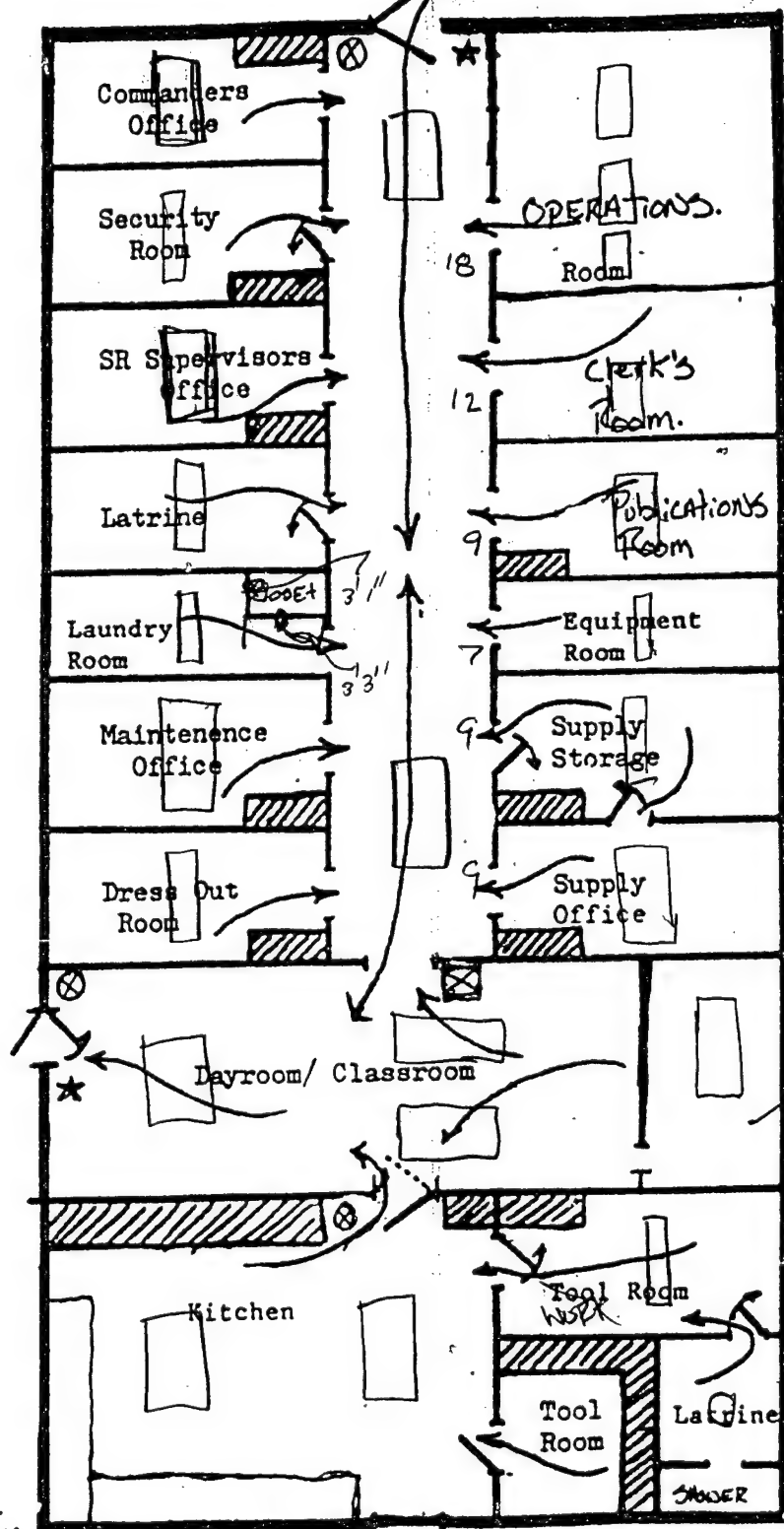
Lamp Model: _____

Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
_____	_____	_____	_____	_____	_____

52nd Ord Det (EOD)

Building 13-030



⊗ Fire Points

⊠ Fire Hose

▨ Built-in Storage

★ Fire Alarms

LIGHTING SURVEY DATA SHEET

BLDG. # 13-030

ROOM # _____

Area Description: OPERATIONS

Area Dimensions: 11'7" ft X 17'8" ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 4x2 S.M. ACBUL

Switching - Type: WALL No. 2

Accessibility to User: OK 1 SWITCH

Hours of Operation: _____

Lamp Model: 40 W

Ballast Model: MTH

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>3</u>	<u>89</u>	_____	_____

CEL - 9.5'

LIGHTING SURVEY DATA SHEET

BLDG. # 13-030

ROOM # _____

Area Description: LETTERS ROOM

Area Dimensions: 11'7" ft X 11'6" ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 4x2 S.M.A.

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: 40 W

Ballast Model: MTH

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>1</u>	<u>819</u>	_____	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 13-030

ROOM # _____

Area Description: COMMANDER

Area Dimensions: 10' 4" ft X 11' 7" ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 4x2 S.M.A.

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: 40W Ballast Model: M III

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>1</u>	<u>2</u>	<u>1</u>	<u>49</u>	_____	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 13-030

ROOM # _____

Area Description: SECURITY ROOM

Area Dimensions: 9' 3" ft X 11' 7" ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 4' S.M.A.

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: 40 W Ballast Model: STD

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>1</u>	<u>20</u>	_____	_____

LIGHTING SURVEY DATA SHEET

BLDG. # B-030

ROOM # _____

Area Description: S.R. SUPERVISOR

Area Dimensions: 9 ft X 11'7" ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 4x2 S.M.A.

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: 40W Ballast Model: MTH

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>1</u>	<u>39</u>	_____	_____

LIGHTING SURVEY DATA SHEET

BLDG. # B-030

ROOM # _____

Area Description: PUBS. ROOM

Area Dimensions: 9'4" ft X 11'7" ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 2x4 S.M.A.

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: 40W Ballast Model: MTH

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>1</u>	<u>35</u>	_____	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 13020

ROOM # _____

Area Description: LATRINE
 Area Dimensions: 9'6" ft X 11'7" ft.
 Fixture Grid: _____ ft X _____ ft. (center-to-center)
 Fixture Type: 4' S.M.A.
 Switching - Type: WALL No. 1
 Accessibility to User: OK
 Hours of Operation: _____
 Lamp Model: 40W Ballast Model: MII

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>1</u>	<u>44</u>	_____	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 13030

ROOM # _____

Area Description: EQUIP. ROOM
 Area Dimensions: 7 ft X 11'7" ft.
 Fixture Grid: _____ ft X _____ ft. (center-to-center)
 Fixture Type: 4' S.M.A.
 Switching - Type: WALL No. 1
 Accessibility to User: OK
 Hours of Operation: _____
 Lamp Model: 40W Ballast Model: MII

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>1</u>	<u>18</u>	_____	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 13-030

ROOM # _____

Area Description: LAUNDRY

Area Dimensions: 71 ft X 11' 7" ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center).

Fixture Type: A1 S.M.A

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

<u>Lamps/ Fixture</u>	<u>Ballast/ Fixture</u>	<u>No. Fixture</u>	<u>FC</u>	<u>FC</u>	<u>FC</u>
<u>2</u>	<u>1</u>	<u>1</u>	_____	_____	_____

LAMPS REMOVED

LIGHTING SURVEY DATA SHEET

BLDG. # 13-030

ROOM # _____

Area Description: MAINT. OFFICE

Area Dimensions: 9 ft X 11' 7" ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 2x4 S.M.A

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: 40W Ballast Model: M 40

<u>Lamps/ Fixture</u>	<u>Ballast/ Fixture</u>	<u>No. Fixture</u>	<u>FC</u>	<u>FC</u>	<u>FC</u>
<u>4</u>	<u>2</u>	<u>1</u>	<u>59</u>	_____	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 13-030

ROOM # _____

Area Description: SUPPLY STORAGE

Area Dimensions: 9 ft X 11'7" ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center).

Fixture Type: _____

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: 42W

Ballast Model: MIA

<u>Lamps/ Fixture</u>	<u>Ballast/ Fixture</u>	<u>No. Fixture</u>	<u>FC</u>	<u>FC</u>	<u>FC</u>
<u>2</u>	<u>1</u>	<u>1</u>	<u>11</u>	<u> </u>	<u> </u>

LIGHTING SURVEY DATA SHEET

BLDG. # 13-030

ROOM # _____

Area Description: SUPPLY OFFICE

Area Dimensions: 9'4" ft X 11'7" ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 24 S.M.A.

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: 42W

Ballast Model: MIA

<u>Lamps/ Fixture</u>	<u>Ballast/ Fixture</u>	<u>No. Fixture</u>	<u>FC</u>	<u>FC</u>	<u>FC</u>
<u>4</u>	<u>2</u>	<u>1</u>	<u>25</u>	<u> </u>	<u> </u>

LIGHTING SURVEY DATA SHEET

BLDG. # B-03D

ROOM # _____

Area Description: DRESSING RM

Area Dimensions: 9' 4" ft X 11' 7" ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center).

Fixture Type: 1 S.M.A.

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: ADW

Ballast Model: M II

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>1</u>	_____	_____	_____

LAMPS REMOVED

LIGHTING SURVEY DATA SHEET

BLDG. # B-03D

ROOM # _____

Area Description: CLASSROOM

Area Dimensions: 14.5 ft X 19 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 2x4 S.M.A.

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: ADW

Ballast Model: M II

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>3</u>	<u>47</u>	_____	_____

1 EXIT SIGN

LIGHTING SURVEY DATA SHEET

BLDG. # 13-030

ROOM #

Area Description: CLASSROOM OFFICE
 Area Dimensions: 14.5 ft X 9 ft.
 Fixture Grid: ft X ft. (center-to-center).
 Fixture Type: 2x4 S.M.A
 Switching - Type: WALL No. 1
 Accessibility to User: OK
 Hours of Operation:
 Lamp Model: 40W Ballast Model: MTH

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>1</u>	<u>54</u>	<u> </u>	<u> </u>

LIGHTING SURVEY DATA SHEET

BLDG. # 13-030

ROOM #

Area Description: KITCHEN
 Area Dimensions: 18'2" ft X 16.5 ft.
 Fixture Grid: ft X ft. (center-to-center)
 Fixture Type:
 Switching - Type: WALL No. 1
 Accessibility to User: OK
 Hours of Operation:
 Lamp Model: 40W Ballast Model: MTH

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>2</u>	<u>43</u>	<u> </u>	<u> </u>

EXIT SIGN

LIGHTING SURVEY DATA SHEET

BLDG. # 13-030

ROOM # _____

Area Description: Work Room

Area Dimensions: 8 ft X 10 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center).

Fixture Type: 4' S.M.W.A

Switching - Type: Wall No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: 40W

Ballast Model: M III

Lamps/
Fixture

Ballast/
Fixture

No.
Fixture

FC

FC

FC

2

1

1

18

LIGHTING SURVEY DATA SHEET

BLDG. # 13-030

ROOM # _____

Area Description: Tool Room

Area Dimensions: 6 ft X 8 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: _____

Switching - Type: _____ No. _____

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____

Ballast Model: _____

Lamps/
Fixture

Ballast/
Fixture

No.
Fixture

FC

FC

FC

DID NOT ENTER - SAME FIXTURE AS WORK ROOM

LIGHTING SURVEY DATA SHEET

BLDG. # 13-030

ROOM # _____

Area Description: LATRINE

Area Dimensions: 4'3" ft X 8 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: INRAD 75 W

Switching - Type: WAC No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: _____

Ballast Model: _____

Lamps/
Fixture

Ballast/
Fixture

No.
Fixture

FC

FC

FC

1

LIGHTING SURVEY DATA SHEET

BLDG. # 13-030

ROOM # _____

Area Description: HALL

Area Dimensions: 4.5 ft X 64 ft. DETERMINE FROM DRAW.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: _____

Switching - Type: WAC No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: 40W

Ballast Model: MET

Lamps/
Fixture

Ballast/
Fixture

No.
Fixture

FC

FC

FC

4

2

2

48

44

1 EXIT SIGN

LIGHTING SURVEY DATA SHEET

BLDG. # 13-040

ROOM # 1

Area Description: OFFICE

Area Dimensions: 9 ft X 10 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 4' WRAD AROUND S.M.

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: 0700 - 1700

Lamp Model: F40 CW

Ballast Model: ESB

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>2</u>	<u>44</u>	<u> </u>	<u> </u>

8 1/2' CEILING

LIGHTING SURVEY DATA SHEET

BLDG. # 13-040

ROOM # 2

Area Description: WAITING ROOM

Area Dimensions: 9 ft X 14 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 4' S.M.W.A.

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: F40 CW

Ballast Model: ESB

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>2</u>	<u>44</u>	<u> </u>	<u> </u>

8 1/2' CEIL.

LIGHTING SURVEY DATA SHEET

BLDG. # 13-040

ROOM # 3

Area Description: MAIN OFFICE

Area Dimensions: 14'8" ft X 21 ft.

Fixture Grid: 8 ft X 8 ft. (center-to-center)

Fixture Type: RECESSED PARABOLIC W/ 2X6 BASE

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: F40CW

Ballast Model: ESB

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>4</u>	<u>47</u>	<u>53</u>	<u> </u>

CEILING - 8'

2 EXIT SIGNS - 1 @ EACH END OF BUILDING - EACH W/ 2-25W INCLD.

LIGHTING SURVEY DATA SHEET

BLDG. # 13-040

ROOM # 4

Area Description: OFFICE

Area Dimensions: 19 ft X 10 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: SAME AS Room #3

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: F40CW

Ballast Model: ESB

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>2</u>	<u>52</u>	<u> </u>	<u> </u>

LIGHTING SURVEY DATA SHEET

BLDG. # 13-040

ROOM # 5

Area Description: FILE ROOM

Area Dimensions: 9 ft X 10.5 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: SAME AS RM 3

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: F40CW

Ballast Model: ESB

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>2</u>	<u>64</u>	_____	_____

LOCKED NOT NORM. OCCUPIED

LIGHTING SURVEY DATA SHEET

BLDG. # 13-040

ROOM # 6

Area Description: STORAGE RM.

Area Dimensions: 9 ft X 17 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: _____

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: F40CW

Ballast Model: ESB

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>3</u>	_____	_____	_____

LOCKED NOT NORM. OCCUP.

LIGHTING SURVEY DATA SHEET

BLDG. # 13-040

ROOM # 7

Area Description: LAB

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: SAME AS Rm 3

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: F40CW Ballast Model: ESB

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>2</u>	<u>53</u>	_____	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 13-040

ROOM # 8

Area Description: OFFICE

Area Dimensions: 16' 7" ft X 9 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: S.A. Rm #3

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: F40CW Ballast Model: ESB

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>3</u>	<u>66</u>	_____	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 13-040

ROOM # 9

Area Description: BREAK RM

Area Dimensions: 8'9" ft X 16.5 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: S.A. RM 3

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: F40CW Ballast Model: ESB

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>3</u>	<u>89</u>	_____	_____

LOOK USE DOWN SENSOR

LIGHTING SURVEY DATA SHEET

BLDG. # 13-040

ROOM # _____

Area Description: MENS RM

Area Dimensions: 7'9" ft X SEE DRAW ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: S.A. RM #3

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: F40CW Ballast Model: ESB

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>1</u>	<u>63</u>	_____	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 13-040

ROOM # _____

Area Description: Wms Rm

Area Dimensions: 3 ft X 7 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: S.A. Rm #3

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: F40CW

Ballast Model: ESB

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>1</u>	_____	_____	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 13-040

ROOM # _____

Area Description: HALL

Area Dimensions: 41 ft X 5'3" ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: S.A. Rm #3

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: F40CW

Ballast Model: ESB

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>5</u>	<u>43</u>	_____	_____

FIXTURES ARE 4' APART

LIGHTING SURVEY DATA SHEET

BLDG. # B-060

ROOM # _____

Area Description: T.V. ROOM

Area Dimensions: 9.5 ft X 25 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: FLOOR, CIRCLINE

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: 32W + 40W

Ballast Model: ADVANCE RS-32-40-TP

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>3</u>	<u>28</u>	_____	_____

LIGHTING SURVEY DATA SHEET

BLDG. # B-066

ROOM # _____

Area Description: SUPERVISOR OFFICE

Area Dimensions: 8.5 ft X 16 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 4x2 RECESSED ACQU

Switching - Type: WALL No. 1

Accessibility to User: VERY INCONVENIENT

Hours of Operation: _____

Lamp Model: 40W

Ballast Model: FSB

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>2</u>	<u>42</u>	<u>60</u>	_____

2 LAMPS ARE TURNED OFF 8' CELL,
GLARE PROBLEMS

LIGHTING SURVEY DATA SHEET

BLDG. # 13-060

ROOM # _____

Area Description: EYE EXAM

Area Dimensions: 8.5 ft X 22 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 4x2 RECES. ACCT

Switching - Type: WALL No. 1

Accessibility to User: VERY INCON.

Hours of Operation: _____

Lamp Model: ADW Ballast Model: ESB

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>3</u>	<u>60</u>	_____	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 13-060

ROOM # _____

Area Description: REST ROOM #1

Area Dimensions: 8.5 ft X 7.5 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 4x2 RECES.

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: ADW Ballast Model: ESB

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>1</u>	<u>39</u>	_____	_____

2 LAMPS REMOVED

LIGHTING SURVEY DATA SHEET

BLDG. # 13-060

ROOM # _____

Area Description: STORAGE ROOM #1

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: _____

Switching - Type: _____ No. _____

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>1</u>	_____	_____	_____

SAME AS REST ROOM

LIGHTING SURVEY DATA SHEET

BLDG. # 13-060

ROOM # _____

Area Description: OFFICE #1

Area Dimensions: 9'3" ft X 13'7" ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 4X2 REC. ACP

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: 4DW Ballast Model: ESB

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>3</u>	<u>69</u>	<u>86</u>	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 13060

ROOM # _____

Area Description: OFFICE #2
 Area Dimensions: 9' 3" ft X 10' 9" ft.
 Fixture Grid: _____ ft X _____ ft. (center-to-center)
 Fixture Type: 2x4 R.A.
 Switching - Type: WALL No. 1
 Accessibility to User: OK
 Hours of Operation: _____
 Lamp Model: 40W Ballast Model: ESB

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>2</u>	<u>85</u>	_____	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 13060

ROOM # _____

Area Description: RECEP. ROOM
 Area Dimensions: 9' 3" ft X 13' 8" ft.
 Fixture Grid: _____ ft X _____ ft. (center-to-center)
 Fixture Type: R.A.
 Switching - Type: WALL No. 1
 Accessibility to User: OK
 Hours of Operation: _____
 Lamp Model: 40W Ballast Model: ESB

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>3</u>	<u>74</u>	_____	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 13-060

ROOM # _____

Area Description: HALL

Area Dimensions: 6 ft X 44 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: R.A.

Switching - Type: WALL No. 1

Accessibility to User: INCONVENIENT

Hours of Operation: _____

Lamp Model: 40W Ballast Model: ESB

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>5</u>	<u>56</u>	_____	_____

2 EXIT SIGNS

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # _____

Area Description: _____

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: _____

Switching - Type: _____ No. _____

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

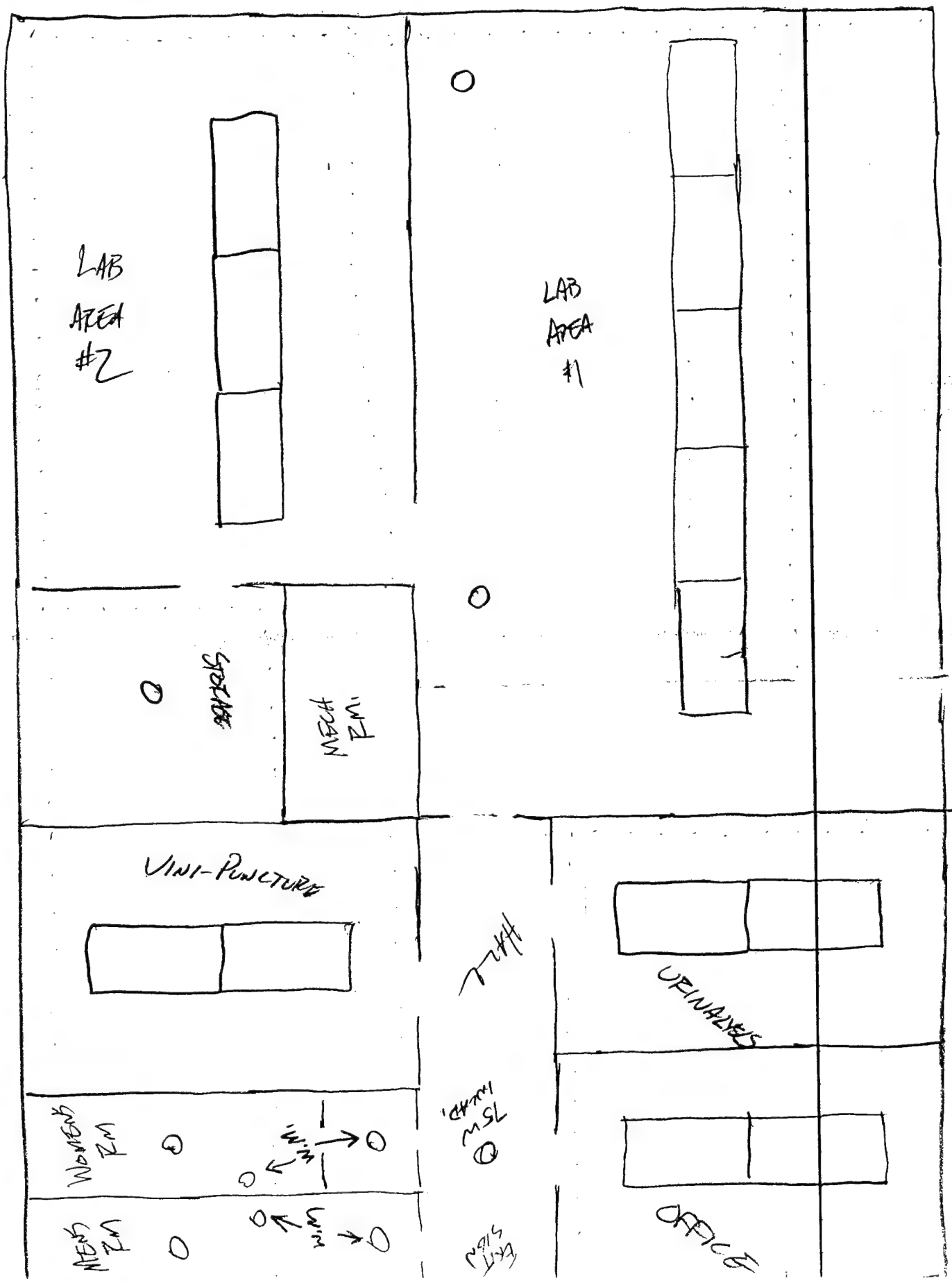
Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
_____	_____	_____	_____	_____	_____

REYNOLDS, SMITH AND HILLS
ARCHITECTS • ENGINEERS • PLANNERS
INCORPORATED

SUBJECT B-080
DESIGNER _____
CHECKER _____

AEP NO _____
SHEET _____ OF _____
DATE _____
DATE _____

38
43



LIGHTING SURVEY DATA SHEET

BLDG. # B-080

ROOM # _____

Area Description: LAB AREA #1

Area Dimensions: 25 ft X 16 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 4x2 S.M. EGGLUBE (5) 100W VINCAD (2)

Switching - Type: WALL No. _____

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: 40W Ballast Model: STD

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>5</u>	<u>62</u>	_____	_____

CELL 9.5'

LIGHTING SURVEY DATA SHEET

BLDG. # B-080

ROOM # _____

Area Description: LAB AREA #2

Area Dimensions: 17 ft X 12 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 2x4 EGGLUBE

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>2</u>	<u>3</u>	<u>56</u>	_____	_____

9.5' CELL

LIGHTING SURVEY DATA SHEET

BLDG. # 13-060

ROOM # _____

Area Description: STORAGE

Area Dimensions: 8 ft X 7 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 100 W INCAN

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: _____

Ballast Model: _____

Lamps/
Fixture

Ballast/
Fixture

No.
Fixture

FC

FC

FC

LIGHTING SURVEY DATA SHEET

BLDG. # 13-060

ROOM # _____

Area Description: URINALYSIS

Area Dimensions: 12 ft X 7 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 2x4 EGGRATE

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: 40W

Ballast Model: _____

Lamps/
Fixture

Ballast/
Fixture

No.
Fixture

FC

FC

FC

4

2

2

54

LIGHTING SURVEY DATA SHEET

BLDG. # 13-080

ROOM # _____

Area Description: VINI-PUNCTURE

Area Dimensions: 8 ft X 12 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 4x2 S.M.W.A

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: 40W

Ballast Model: ESB

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>2</u>	<u>88</u>	_____	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 13-060

ROOM # _____

Area Description: OFFICE

Area Dimensions: 9.5 ft X 12 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 4x2 FLUORESC

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: 40W

Ballast Model: STD

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>2</u>	<u>38</u>	_____	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 13-080

ROOM # _____

Area Description: WOMENS RM

Area Dimensions: 4 ft X 12 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 75 W INCAD

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: _____

Ballast Model: _____

Lamps/
Fixture

Ballast/
Fixture

No.
Fixture

FC

FC

FC

22

2 WALL MOUNT - 7'1/2'
1 CEIL. MOUNT 9'

LIGHTING SURVEY DATA SHEET

BLDG. # 13-080

ROOM # _____

Area Description: MENS ROOM

Area Dimensions: 4 ft X 12 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: _____

Switching - Type: _____ No. _____

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____

Ballast Model: _____

Lamps/
Fixture

Ballast/
Fixture

No.
Fixture

FC

FC

FC

10

SAME AS WOMENS

HALLWAY
17' x 4'

1-75 W INCAD
1 EXIT SIGN

LIGHTING SURVEY DATA SHEET

BLDG. # 13-100

ROOM # _____

Area Description: WAITING ROOM

Area Dimensions: 14' 7" ft X 29 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center).

Fixture Type: 4' S.M.W.A.

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: 34W

Ballast Model: STD MAGNATEL

Lamps/
Fixture

Ballast/
Fixture

No.
Fixture

FC

FC

FC

2

1

6

20

22

446-LR-TL-P (STD)

CELL - 9'
1 EXIT SIGN

LIGHTING SURVEY DATA SHEET

BLDG. # 13-100

ROOM # _____

Area Description: PHARMACY

Area Dimensions: 9' ft X 20 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 4'x2' S.M.W.A.

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: 34W

Ballast Model: _____

Lamps/
Fixture

Ballast/
Fixture

No.
Fixture

FC

FC

FC

4

2

2

50

9' CELL

LIGHTING SURVEY DATA SHEET

BLDG. # B-100

ROOM # _____

Area Description: PHARM. OFFICE

Area Dimensions: 9 ft X 8 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center).

Fixture Type: _____

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: 34W Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>1</u>	<u>52</u>	_____	_____

9' LEIL

LIGHTING SURVEY DATA SHEET

BLDG. # B-100

ROOM # _____

Area Description: STORAGE #1

Area Dimensions: 89 ft X 11 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 4x2 S.M.W.I.

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: 34W Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>1</u>	<u>40</u>	_____	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 13-100

ROOM # _____

Area Description: HALL

Area Dimensions: 5 ft X 53 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 4' S.M.W.A.

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: 34W

Ballast Model: SAME AS WATUNG

Lamps/
Fixture

Ballast/
Fixture

No.
Fixture

FC

FC

FC

2

1

3

4' CELL
1 EXIT SIGN

LIGHTING SURVEY DATA SHEET

BLDG. # 13-100

ROOM # _____

Area Description: PHAR. STORAGE

Area Dimensions: 8 ft X 9 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 100 W INCAD

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: 100 W INCAD

Ballast Model: _____

Lamps/
Fixture

Ballast/
Fixture

No.
Fixture

FC

FC

FC

10

4' CELL
LIGHT WAS OFF

LIGHTING SURVEY DATA SHEET

BLDG. # 13-100

ROOM # _____

Area Description: STORAGE #2

Area Dimensions: 9 ft X 24 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 2x4 S.M.W.A. (2) 4' S.M.W.A. (1)

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: 34W

Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>2</u>	<u>57</u>	<u>50</u>	_____
<u>2</u>	<u>1</u>	<u>1</u>			

LIGHTS OFF
LEN-91

LIGHTING SURVEY DATA SHEET

BLDG. # 13-100

ROOM # _____

Area Description: BATHROOM

Area Dimensions: 9 ft X 9 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 100W INCAD

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: 100 W INCAD

Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>/</u>	<u>/</u>	<u>1</u>	<u>16</u>	_____	_____

LEN-91

LIGHTING SURVEY DATA SHEET

BLDG. # B-100

ROOM # _____

Area Description: MECH ROOM

Area Dimensions: 9 ft X 6 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 4' S.M.W.A

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: 34W Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>1</u>	<u>27</u>	_____	_____

CEL 9'
LIGHTS OFF

LIGHTING SURVEY DATA SHEET

BLDG. # B-100

ROOM # _____

Area Description: DENTAL ROOM #7

Area Dimensions: 9 ft X 12 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 4' S.M.W.A

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: 34W Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>2</u>	<u>2A</u>	_____	_____

9' CELL
DENTAL ROOMS USED ONLY EVERY 3-4 MONTHS

LIGHTING SURVEY DATA SHEET

BLDG. # 13-100

ROOM # _____

Area Description: DENTAL ROOM #1

Area Dimensions: 9 ft X 11.5 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center).

Fixture Type: 4' S.M.W.4

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: 34W Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>1</u>	<u>20</u>	_____	_____

LEIL - 21

LIGHTING SURVEY DATA SHEET

BLDG. # B-100

ROOM # _____

Area Description: DENTAL STORAGE

Area Dimensions: 9 ft X 8 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 4' S.M.W.4

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: 34W Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>1</u>	<u>22</u>	_____	_____

9' CELL

LIGHTING SURVEY DATA SHEET

BLDG. # 13-100

ROOM #

Area Description: X-RAY

Area Dimensions: 8 ft X 9 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center).

Fixture Type: 41 S.M.W.A

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation:

Lamp Model: 34 W

Ballast Model:

Lamps/
Fixture

Ballast/
Fixture

No.
Fixture

FC

FC

FC

2

1

1

34

91

LIGHTING SURVEY DATA SHEET

BLDG. #

ROOM #.

Area Description:

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type:

Switching - Type: _____ No. _____

Accessibility to User:

Hours of Operation:

Lamp Model:

Ballast Model:

Lamps/
Fixture

Ballast/
Fixture

No.
Fixture

FC

FC

FC

LIGHTING SURVEY DATA SHEET

BLDG. # 13110

ROOM # _____

Area Description: Restroom

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Incand with fan

Switching - Type: W3 No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>1</u>		<u>1</u>	<u>12</u>		

Boiler runs for this only.

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # _____

Area Description: Open Area 1 Open Area 2 Locked - See Day

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: _____

Switching - Type: W3 No. 84

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>176</u>	<u>120</u>	<u>81</u>	

Daylighting

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 16210 Barracks ROOM/AREA Hallway

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures ✓
2. Reduce indoor lighting where illumination exceeds AEI recommended levels ✓
3. Increase daylighting X
4. Lower light fixtures X
5. Improve reflection and dispersion with light-colored ceiling and walls X

B. Improve lighting controls

1. Install occupancy controls to control lighting ✓
2. Install photocells to lighting near windows X
3. Install additional switches to control lighting arrangements X
4. Use time-clocks to shut off exterior building lights ✓

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps X
2. Replace incandescent lamps in exit sign fixtures with LED fixtures ?
3. Replace incandescent lamps in exit signs with compact fluorescent lamps ?
4. Replace standard fluorescent lamps with energy-conserving lamps ✓
5. Replace standard fluorescent ballasts with electronic ballasts ✓
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ✓
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ✓

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 16240

ROOM/AREA Kitchen

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures X
2. Reduce indoor lighting where illumination exceeds AEI recommended levels X
3. Increase daylighting X
4. Lower light fixtures X
5. Improve reflection and dispersion with light-colored ceiling and walls X

B. Improve lighting controls

1. Install occupancy controls to control lighting ✓
2. Install photocells to lighting near windows ?
3. Install additional switches to control lighting arrangements X
4. Use time-clocks to shut off exterior building lights X

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps X
2. Replace incandescent lamps in exit sign fixtures with LED fixtures X
3. Replace incandescent lamps in exit signs with compact fluorescent lamps X
4. Replace standard fluorescent lamps with energy-conserving lamps ✓
5. Replace standard fluorescent ballasts with electronic ballasts ✓
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ✓
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ✓

LIGHTING SURVEY DATA SHEET

BLDG. # 16210

ROOM # ✓

Area Description: Hallway

Area Dimensions: ft X ft.

Fixture Grid: ft X ft. (center-to-center)

Fixture Type: Recessed Fluor.

Switching - Type: No.

Accessibility to User:

Hours of Operation: 24/7/da

Lamp Model: F40CW Phillips

Ballast Model: Magnatek Watt reducer
446-L-SLH-TC-P

Lamps/
Fixture

Ballast/
Fixture

No.
Fixture

FC

FC

FC RS

2

1

5

43

10

under first half first

5 2x4 2l each
1 1x4 1l
1 2x2 2 U-bands

LIGHTING SURVEY DATA SHEET

BLDG. # 16210

ROOM # ✓

Area Description: Kitchen

Area Dimensions: ft X ft.

Fixture Grid: ft X ft. (center-to-center)

Fixture Type: Flush Mt

Switching - Type: Man No. 1

Accessibility to User: Good

Hours of Operation: Intermittent

Lamp Model: F40CW Phillips

Ballast Model: Advance RQM2S40-3-TP

Lamps/
Fixture

Ballast/
Fixture

No.
Fixture

FC

FC

FC

2

1

2

43

39

Occupancy sensor would be good

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 16210

ROOM/AREA Latrine #1

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures 2
2. Reduce indoor lighting where illumination exceeds AEI recommended levels X
3. Increase daylighting X
4. Lower light fixtures X
5. Improve reflection and dispersion with light-colored ceiling and walls X

B. Improve lighting controls

1. Install occupancy controls to control lighting ✓
2. Install photocells to lighting near windows X
3. Install additional switches to control lighting arrangements X
4. Use time-clocks to shut off exterior building lights X

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps X
2. Replace incandescent lamps in exit sign fixtures with LED fixtures ~~X~~
3. Replace incandescent lamps in exit signs with compact fluorescent lamps —
4. Replace standard fluorescent lamps with energy-conserving lamps ✓
5. Replace standard fluorescent ballasts with electronic ballasts ✓
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ✓
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ✓

LIGHTING SURVEY DATA SHEET

BLDG. # 16210 ROOM #

Area Description: Outside Light (2) One at either end

Area Dimensions: ft X ft.

Fixture Grid: ft X ft. (center-to-center)

Fixture Type:

Switching - Type: Man No. 2 One at either end

Accessibility to User: Good

Hours of Operation:

Lamp Model: HID?

Ballast Model:

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>1</u>	<u>1</u>	<u>2</u>	<u>NA</u>	<u> </u>	<u> </u>

Could use photocell

LIGHTING SURVEY DATA SHEET

BLDG. # 16210 ROOM #

Area Description: Laundry & (Shower Area)

Area Dimensions: ft X ft.

Fixture Grid: ft X ft. (center-to-center)

Fixture Type: Flush &

Switching - Type: No.

Accessibility to User:

Hours of Operation:

Lamp Model:

Ballast Model:

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>2</u>	<u>35</u>	<u> </u>	<u> </u>
<u>1</u>	<u>1</u>	<u>2</u>	<u>35</u>	<u> </u>	<u> </u>

toilet/shower
over sink

Occupancy sensor candidate

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 16210

ROOM/AREA 2ND Floor

A. Reduce/enhance lighting

See 1st Flr sheet

1. Remove unneeded lamps or fixtures _____
2. Reduce indoor lighting where illumination exceeds AEI recommended levels _____
3. Increase daylighting _____
4. Lower light fixtures _____
5. Improve reflection and dispersion with light-colored ceiling and walls _____

B. Improve lighting controls

1. Install occupancy controls to control lighting _____
2. Install photocells to lighting near windows _____
3. Install additional switches to control lighting arrangements _____
4. Use time-clocks to shut off exterior building lights _____

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps _____
2. Replace incandescent lamps in exit sign fixtures with LED fixtures _____
3. Replace incandescent lamps in exit signs with compact fluorescent lamps _____
4. Replace standard fluorescent lamps with energy-conserving lamps _____
5. Replace standard fluorescent ballasts with electronic ballasts _____
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps _____
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. _____

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 16210

ROOM/AREA Latrine #2

see L 1

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures _____
2. Reduce indoor lighting where illumination exceeds AEI recommended levels _____
3. Increase daylighting _____
4. Lower light fixtures _____
5. Improve reflection and dispersion with light-colored ceiling and walls _____

B. Improve lighting controls

1. Install occupancy controls to control lighting _____
2. Install photocells to lighting near windows _____
3. Install additional switches to control lighting arrangements _____
4. Use time-clocks to shut off exterior building lights _____

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps _____
2. Replace incandescent lamps in exit sign fixtures with LED fixtures _____
3. Replace incandescent lamps in exit signs with compact fluorescent lamps _____
4. Replace standard fluorescent lamps with energy-conserving lamps _____
5. Replace standard fluorescent ballasts with electronic ballasts _____
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps _____
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. _____

LIGHTING SURVEY DATA SHEET

BLDG. # 16210

ROOM # _____

Area Description: 2nd Floor Hallway

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec. Fluor.

Switching - Type: Man No. 2

Accessibility to User: Good at either end of Hallway

Hours of Operation: 24 h/d

Lamp Model: _____ Ballast Model: _____

Hallway
Ext.

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>5</u>	<u>45</u>	<u>15</u>	_____
<u>1</u>	<u>1</u>	<u>2</u>	<u>NA</u>		

LIGHTING SURVEY DATA SHEET

BLDG. # 16210

ROOM # _____

Area Description: Latrine # 2

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Fluor.

Switching - Type: Man No. 1

Accessibility to User: Good - at door

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>1</u>	_____	_____	_____
<u>1</u>	<u>1</u>	<u>1</u>			

0 Sensor ✓

LIGHTING SURVEY DATA SHEET

BLDG. # 31010

ROOM # _____

Area Description: Calibration Lab

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: S.M.W-A Genl.

Switching - Type: WS No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

<u>Lamps/ Fixture</u>	<u>Ballast/ Fixture</u>	<u>No. Fixture</u>	<u>FC</u>	<u>FC</u>	<u>FC</u>
<u>4</u>	<u>2</u>	<u>6</u>	<u>95</u>	<u>99</u>	_____

Use window units
Incand. 24 ft.

CLOSET

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # _____

Area Description: _____

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: _____

Switching - Type: _____ No. _____

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

<u>Lamps/ Fixture</u>	<u>Ballast/ Fixture</u>	<u>No. Fixture</u>	<u>FC</u>	<u>FC</u>	<u>FC</u>
_____	_____	_____	_____	_____	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 31080

ROOM # _____

Area Description: BB Foyer

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 1 Rec'd box w/ acryl

Switching - Type: WS No. #2

Accessibility to User: good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>1</u>	<u>52</u>	_____	_____
<u>2</u>	<u>1</u>	<u>1</u>	_____	_____	_____

Spl. lights on photocell

LIGHTING SURVEY DATA SHEET

BLDG. # 31080

ROOM # _____

Area Description: Restrooms

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: S.M. W-A acryl.

Switching - Type: WS No. 1

Accessibility to User: good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>1</u>	<u>32</u>	_____	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 31080

ROOM # _____

Area Description: Break room

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec'd Acryl.

Switching - Type: WS No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>2</u>	<u>1B</u>	_____	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 31080

ROOM # _____

Area Description: TRNDZ Stg.

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec'd 2x4 Acryl.

Switching - Type: WS No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>2</u>	<u>58</u>	_____	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 31060

ROOM # _____

Area Description: Lab

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec'd 1x4 Genl.

Switching - Type: WS No. 2 either

Accessibility to User: good

Hours of Operation: _____

Lamp Model: _____

Ballast Model: _____

Lamps/
Fixture

Ballast/
Fixture

No.
Fixture

FC

FC

FC

4

2

10

48

60

Central air/cond.

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # _____

Area Description: Office

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec'd 2x4 Genl.

Switching - Type: WS No. 1

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____

Ballast Model: _____

Lamps/
Fixture

Ballast/
Fixture

No.
Fixture

FC

FC

FC

4

2

2

40

86

LIGHTING SURVEY DATA SHEET

BLDG. # 31080

ROOM # _____

Area Description: Computer

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec'd Geyl

Switching - Type: WS No. 1

Accessibility to User: Good

Hours of Operation: Interm.

Lamp Model: _____ Ballast Model: _____

<u>Lamps/ Fixture</u>	<u>Ballast/ Fixture</u>	<u>No. Fixture</u>	<u>FC</u>	<u>FC</u>	<u>FC</u>
<u>4</u>	<u>2</u>	<u>2</u>	<u>46</u>	_____	_____

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # _____

Area Description: _____

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: _____

Switching - Type: _____ No. _____

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

<u>Lamps/ Fixture</u>	<u>Ballast/ Fixture</u>	<u>No. Fixture</u>	<u>FC</u>	<u>FC</u>	<u>FC</u>
_____	_____	_____	_____	_____	_____

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 32030

ROOM/AREA Tire Shop

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures X
2. Reduce indoor lighting where illumination exceeds AEI recommended levels X
3. Increase daylighting X
4. Lower light fixtures X
5. Improve reflection and dispersion with light-colored ceiling and walls ✓

B. Improve lighting controls

1. Install occupancy controls to control lighting X
2. Install photocells to lighting near windows X
3. Install additional switches to control lighting arrangements X
4. Use time-clocks to shut off exterior building lights X

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps X
2. Replace incandescent lamps in exit sign fixtures with LED fixtures X
3. Replace incandescent lamps in exit signs with compact fluorescent lamps X
4. Replace standard fluorescent lamps with energy-conserving lamps ✓
5. Replace standard fluorescent ballasts with electronic ballasts ✓
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ✓
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ✓

Pictures LIGHTING SURVEY DATA SHEET

BLDG. # 32035

ROOM # _____

Area Description: Motor Pool

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Pendant

Switching - Type: _____ No. _____

Accessibility to User: Good in individual rooms Fair in Lobby

Hours of Operation: 4:30/1:00

Lamp Model: _____

Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>~194</u>	<u>23</u>	<u>30</u>	<u> </u>

Occupants say lights are adequate

LIGHTING SURVEY DATA SHEET

BLDG. # 32030

ROOM # _____

Area Description: Tire Shop

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Pendant HPS

Switching - Type: SW No. 6

Accessibility to User: Good Fair / Good (Office)

Hours of Operation: _____

Lamp Model: _____

Ballast Model: _____

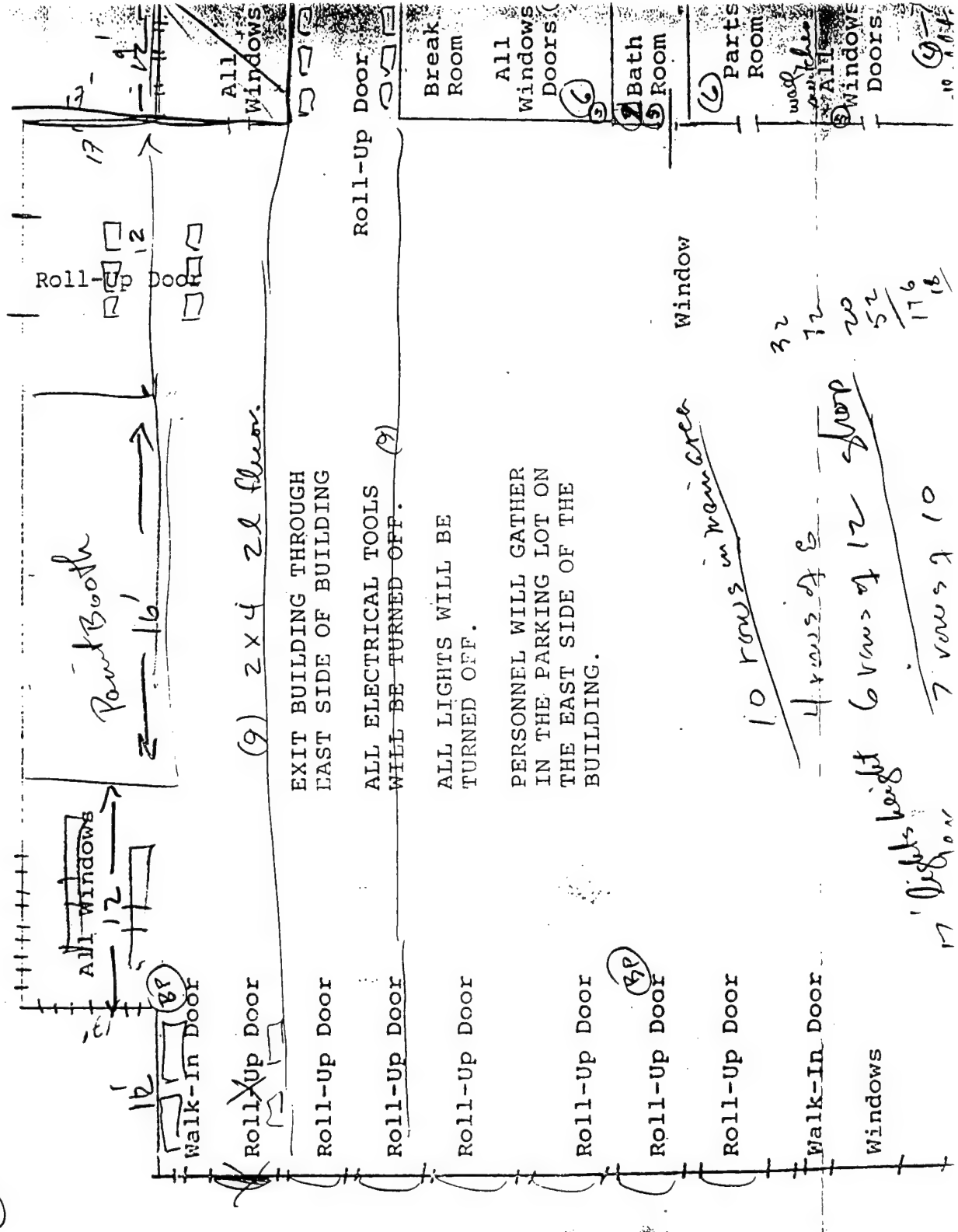
Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>4</u>	<u>65</u>	<u>34</u>	<u> </u>
<u>1</u>	<u>1</u>	<u>15</u>	<u> </u>	<u> </u>	<u> </u>

Office
Shop

Steam unit hrs don't work
HPS too low 9-10'
Ext. lamps m-70

①

Handwritten: (B) 2000



10

 1 vms of 9
 6 vms of 12 sharp
 7 vms of 10
 18
 176
 52
 22
 22
 32

Roll-Up Door

Walk-In Door

Windows

Roll-Up Door

Roll-Up Door

Roll-Up Door

All Windows

Roll-Up Door

Windows

Windows
Walk-In Do

ALL
WINDOWS
&
DOORS

Roll-Up Door

Roll-Up Door

Roll-Up Door

Roll-Up Door

Walk-In Door

Roll-Up Door

(c) Parts
Room
wall ches
Alf
(d) Windows
Doors
(e) small additio

32
72
20
52
176
18
194

$\frac{10 \text{ m}^2}{3 \text{ m}^2} = 3.33$
 $\frac{21 \text{ m}^2}{3 \text{ m}^2} = 7$
 $\frac{31 \text{ m}^2}{3 \text{ m}^2} = 10.33$

12. Dichter bezieht sich auf Vögel

2P

②

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 32035

ROOM/AREA Motor Pool

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures X
2. Reduce indoor lighting where illumination exceeds AEI recommended levels ?
3. Increase daylighting X
4. Lower light fixtures X
5. Improve reflection and dispersion with light-colored ceiling and walls X

B. Improve lighting controls

1. Install occupancy controls to control lighting ✓
2. Install photocells to lighting near windows X
3. Install additional switches to control lighting arrangements X
4. Use time-clocks to shut off exterior building lights X

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps X
2. Replace incandescent lamps in exit sign fixtures with LED fixtures X
3. Replace incandescent lamps in exit signs with compact fluorescent lamps X
4. Replace standard fluorescent lamps with energy-conserving lamps ✓
5. Replace standard fluorescent ballasts with electronic ballasts ✓
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ✓
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ✓

Pictures # 5

LIGHTING SURVEY DATA SHEET

BLDG. # 32035

ROOM # _____

Area Description: Motor Pool

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Pendant

Switching - Type: _____ No. _____

Accessibility to User: Good in individual rms Fair in Bays

Hours of Operation: 40h/wk

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>~194</u>	<u>23</u>	<u>30</u>	<u>—</u>

Occupants say lights are adequate

LIGHTING SURVEY DATA SHEET

BLDG. # 32030

ROOM # _____

Area Description: Tire Shop

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Pendant HPS

Switching - Type: SW No. 6

Accessibility to User: Good Fair / Good (Office)

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC	
<u>2</u>	<u>1</u>	<u>4</u>	<u>65</u>	<u>34</u>	<u>—</u>	<u>fluor</u>
<u>1</u>	<u>1</u>	<u>15</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>HPS</u>

Office
Shop

Steam unit hrs don't work
HPS too low 9-10'
Ext. lamps m-70

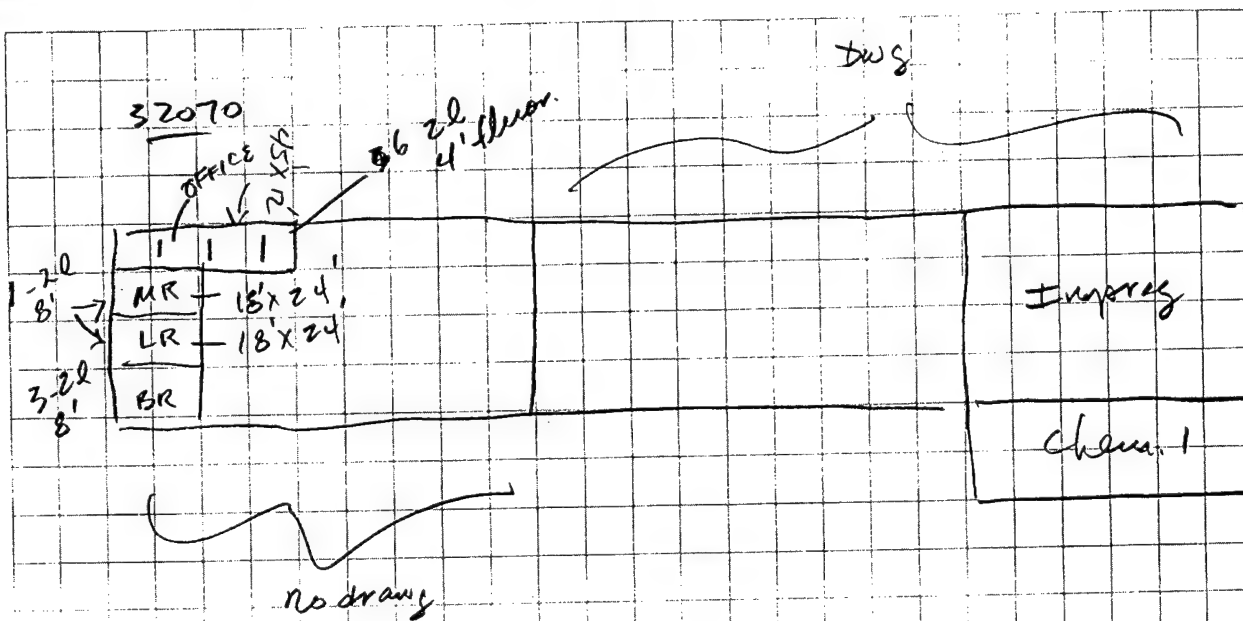
RS&H

SUBJECT _____

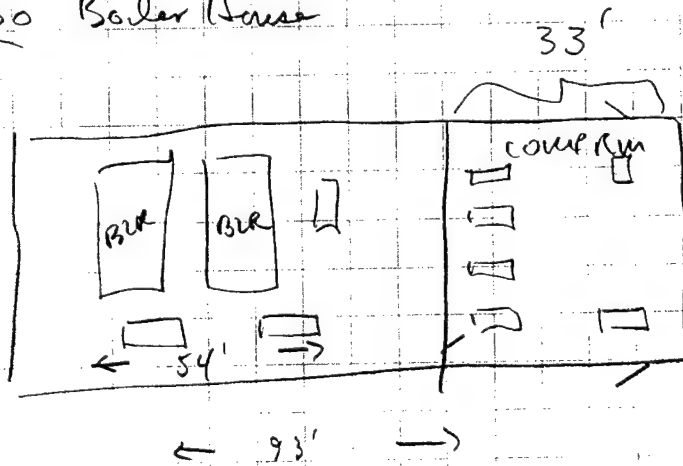
 DESIGNER _____
 CHECKER _____

AEP NO _____
 SHEET _____ OF _____
 DATE _____
 DATE _____

33
74



32060 Boiler House



LIGHTING SURVEY ECO CHECK-LIST

BLDG # 32060 / 33060

ROOM/AREA Blk / Comp

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures X
2. Reduce indoor lighting where illumination exceeds AEI recommended levels X
3. Increase daylighting X
4. Lower light fixtures X
5. Improve reflection and dispersion with light-colored ceiling and walls X

B. Improve lighting controls

1. Install occupancy controls to control lighting ✓
2. Install photocells to lighting near windows X
3. Install additional switches to control lighting arrangements ✓
4. Use time-clocks to shut off exterior building lights X

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps X
2. Replace incandescent lamps in exit sign fixtures with LED fixtures X
3. Replace incandescent lamps in exit signs with compact fluorescent lamps X
4. Replace standard fluorescent lamps with energy-conserving lamps ✓
5. Replace standard fluorescent ballasts with electronic ballasts ✓
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ✓
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ✓

LIGHTING SURVEY DATA SHEET

BLDG. # 32060 / 33060

ROOM # _____

Area Description: Compressor Rm

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Hanging - No reflector

Switching - Type: CB No. ?

Accessibility to User: Fair

Hours of Operation: Almost never used

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>6</u>	<u>10</u>	<u>54</u>	_____

Lots of Glass - Lights on
O-Sensor

----- LIGHTING SURVEY DATA SHEET

BLDG. # 32060

ROOM # _____

Area Description: Boiler Rm

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Closed Aperture

Switching - Type: CB No. ?

Accessibility to User: _____

Hours of Operation: Checked hourly

Lamp Model: _____ Ballast Model: _____

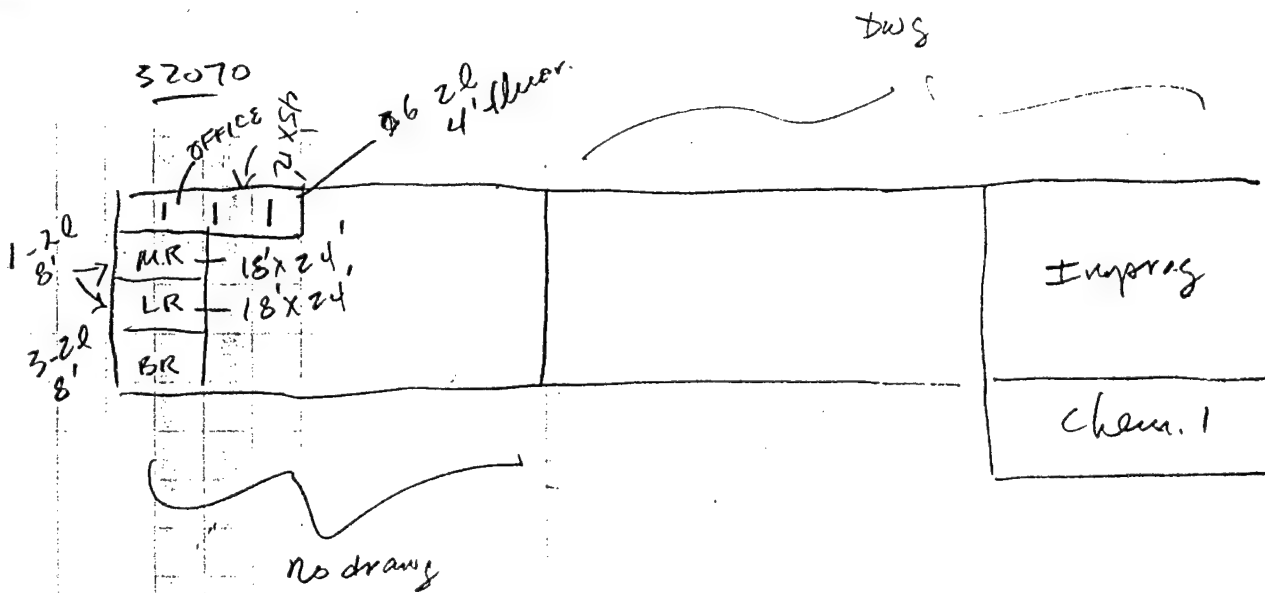
Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>Fluor</u> <u>Incard</u> <u>3</u> <u>1</u>	<u>2</u> <u>—</u>	<u>3</u> <u>8</u>	_____	_____	_____

Lots of glass
O-Sensor
Incard's not operating

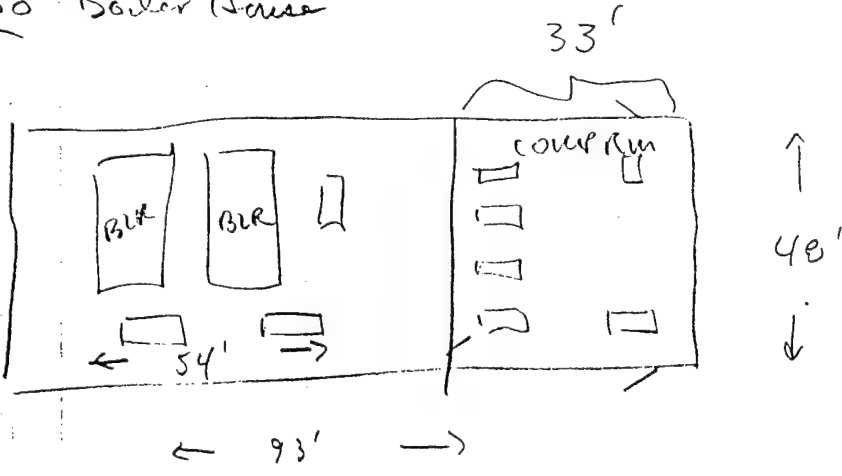
RS&H

SUBJECT _____
 DESIGNER _____
 CHECKER _____

AEP NO _____
 SHEET _____ OF _____
 DATE _____
 DATE _____



32060 Boiler House



LIGHTING SURVEY ECO CHECK-LIST

BLDG # 32070

ROOM/AREA Laundry/Impreg

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures *should replace fixtures* ✓
2. Reduce indoor lighting where illumination exceeds AEI recommended levels X
3. Increase daylighting X
4. Lower light fixtures ✓
5. Improve reflection and dispersion with light-colored ceiling and walls X

B. Improve lighting controls

1. Install occupancy controls to control lighting ✓
2. Install photocells to lighting near windows ?
3. Install additional switches to control lighting arrangements ✓ *on pane*
4. Use time-clocks to shut off exterior building lights X

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps X
2. Replace incandescent lamps in exit sign fixtures with LED fixtures X
3. Replace incandescent lamps in exit signs with compact fluorescent lamps X
4. Replace standard fluorescent lamps with energy-conserving lamps ✓
5. Replace standard fluorescent ballasts with electronic ballasts ✓
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ✓
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ✓

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 32070

ROOM/AREA office

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures X
2. Reduce indoor lighting where illumination exceeds AEI recommended levels X
3. Increase daylighting X
4. Lower light fixtures X
5. Improve reflection and dispersion with light-colored ceiling and walls X

B. Improve lighting controls

1. Install occupancy controls to control lighting ✓
2. Install photocells to lighting near windows X
3. Install additional switches to control lighting arrangements X
4. Use time-clocks to shut off exterior building lights X

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps X
2. Replace incandescent lamps in exit sign fixtures with LED fixtures X
3. Replace incandescent lamps in exit signs with compact fluorescent lamps X
4. Replace standard fluorescent lamps with energy-conserving lamps ✓
5. Replace standard fluorescent ballasts with electronic ballasts ✓
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ✓
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ✓

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 32070

ROOM/AREA Break Room / Mens + Ladies Rm.

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures X
2. Reduce indoor lighting where illumination exceeds AEI recommended levels X
3. Increase daylighting X
4. Lower light fixtures X
5. Improve reflection and dispersion with light-colored ceiling and walls X

B. Improve lighting controls

1. Install occupancy controls to control lighting ✓
2. Install photocells to lighting near windows X
3. Install additional switches to control lighting arrangements X
4. Use time-clocks to shut off exterior building lights X

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps X
2. Replace incandescent lamps in exit sign fixtures with LED fixtures X
3. Replace incandescent lamps in exit signs with compact fluorescent lamps X
4. Replace standard fluorescent lamps with energy-conserving lamps ✓
5. Replace standard fluorescent ballasts with electronic ballasts ✓
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ✓
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ✓

Paints & OS's.

LIGHTING SURVEY DATA SHEET

BLDG. # 32070

ROOM # _____

Area Description: Laundry - Bldg has clerestory windows

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Pend. / Flush

Switching - Type: _____ No. → Imprvg & Wash has CB's
Folding has CB w/switches

Accessibility to User: Fair

Hours of Operation: 1 shift

Lamp Model: F96T12 WM (60 watt)

Ballast Model: _____

Folding
Washing

Lamps/ Fixture	Ballast/ Fixture	^{Single pin} No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>44</u>	<u>55</u>	<u>45</u>	—
<u>2</u>	<u>1</u>	<u>0</u>	<u>48</u>	<u>38</u>	—

Steam leak at fitting
 No dugs for folding area
 Many lamps not operating - Virtually all have only 2 lamps
 All fixtures are 4 lamp type

Probably should replace all fixtures. Look better in folding area

LIGHTING SURVEY DATA SHEET

Imprvg Area

BLDG. # 32070

ROOM # _____

Area Description: Not used for 2 yrs.

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Pend / Flush

Switching - Type: CB No. 1

Accessibility to User: Fair

Hours of Operation: Not used

Lamp Model: F96T12 WM

Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
—	—	—	—	—	—

Dugs accurate

LIGHTING SURVEY DATA SHEET

BLDG. # 32070

ROOM # _____

Area Description: Breaker

Area Dimensions: 15 ft X 24 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Fluor

Switching - Type: Man No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____

Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>3</u>	<u>33</u>	<u>36</u>	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 32070

ROOM # _____

Area Description: Men's Room

Area Dimensions: 18 ft X 24 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Fl. Fluor

Switching - Type: Man No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____

Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>1</u>	<u>6</u>	_____	_____

One lamp out

LIGHTING SURVEY DATA SHEET

BLDG. # 32070

ROOM # _____

Area Description: Lodges/Rm (see Men's)

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Flash Fl.

Switching - Type: _____ No. _____

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
_____	_____	_____	_____	_____	_____

came to men's

LIGHTING SURVEY DATA SHEET

BLDG. # 32070

ROOM # _____

Area Description: Office

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Recessed Acrylic

Switching - Type: Man No. 1

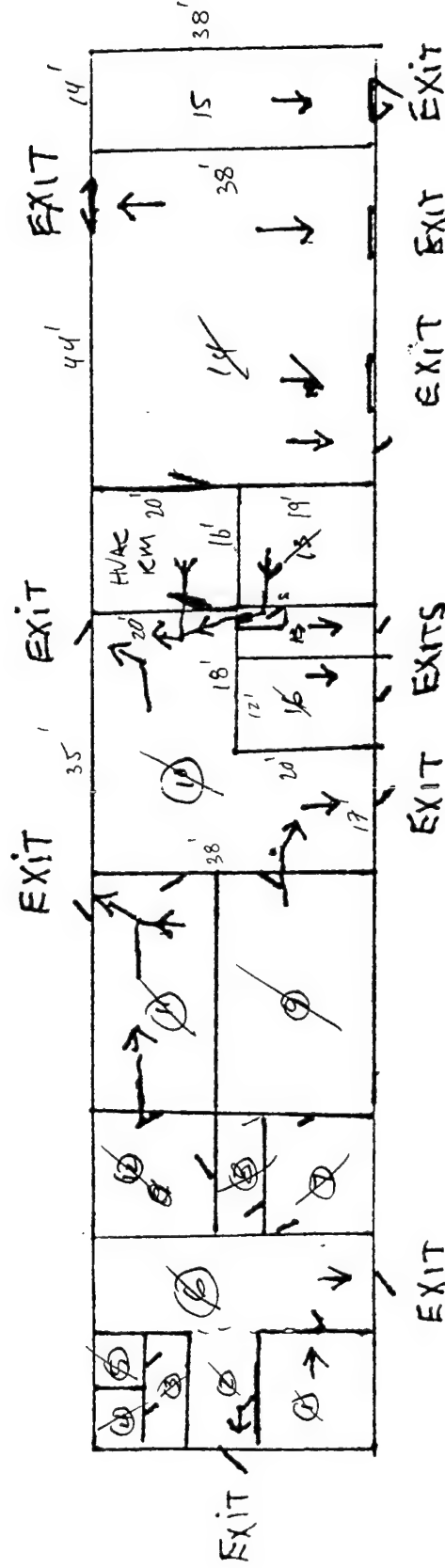
Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
_____	_____	_____	_____	_____	_____

FIRE ESCAPE ROUTES 32-090



STORM SHELTERS

SOUTH END PBA 32 710 - 33710 plus

NORTH END PBA 62-010 - 62020

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 32090

ROOM/AREA 4

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures X
2. Reduce indoor lighting where illumination exceeds AEI recommended levels X
3. Increase daylighting X
4. Lower light fixtures X
5. Improve reflection and dispersion with light-colored ceiling and walls X

B. Improve lighting controls

1. Install occupancy controls to control lighting X
2. Install photocells to lighting near windows X
3. Install additional switches to control lighting arrangements X
4. Use time-clocks to shut off exterior building lights X

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps X
2. Replace incandescent lamps in exit sign fixtures with LED fixtures X
3. Replace incandescent lamps in exit signs with compact fluorescent lamps X
4. Replace standard fluorescent lamps with energy-conserving lamps X
5. Replace standard fluorescent ballasts with electronic ballasts ✓
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ✓
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ✓

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 32090

ROOM/AREA 2

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures X
2. Reduce indoor lighting where illumination exceeds AEI recommended levels ✓
3. Increase daylighting X
4. Lower light fixtures X
5. Improve reflection and dispersion with light-colored ceiling and walls X

B. Improve lighting controls

1. Install occupancy controls to control lighting ✓
2. Install photocells to lighting near windows X
3. Install additional switches to control lighting arrangements X
4. Use time-clocks to shut off exterior building lights X

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps X
2. Replace incandescent lamps in exit sign fixtures with LED fixtures X
3. Replace incandescent lamps in exit signs with compact fluorescent lamps X
4. Replace standard fluorescent lamps with energy-conserving lamps ✓
5. Replace standard fluorescent ballasts with electronic ballasts ✓
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ✓
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ✓

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 32090

ROOM/AREA 3rd

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures ✓
2. Reduce indoor lighting where illumination exceeds AEI recommended levels ✓
3. Increase daylighting X
4. Lower light fixtures X
5. Improve reflection and dispersion with light-colored ceiling and walls X

B. Improve lighting controls

1. Install occupancy controls to control lighting ✓
2. Install photocells to lighting near windows X
3. Install additional switches to control lighting arrangements X
4. Use time-clocks to shut off exterior building lights X

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps X
2. Replace incandescent lamps in exit sign fixtures with LED fixtures X
3. Replace incandescent lamps in exit signs with compact fluorescent lamps X
4. Replace standard fluorescent lamps with energy-conserving lamps ✓
5. Replace standard fluorescent ballasts with electronic ballasts ✓
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ✓
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ✓

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 3280

ROOM/AREA 6, 7, 8, 11, 12

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures ✓
2. Reduce indoor lighting where illumination exceeds AEI recommended levels ✓
3. Increase daylighting X
4. Lower light fixtures X
5. Improve reflection and dispersion with light-colored ceiling and walls X

B. Improve lighting controls

1. Install occupancy controls to control lighting ✓
2. Install photocells to lighting near windows X
3. Install additional switches to control lighting arrangements X
4. Use time-clocks to shut off exterior building lights X

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps X
2. Replace incandescent lamps in exit sign fixtures with LED fixtures X
3. Replace incandescent lamps in exit signs with compact fluorescent lamps X
4. Replace standard fluorescent lamps with energy-conserving lamps ✓
5. Replace standard fluorescent ballasts with electronic ballasts ✓
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ✓
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ✓

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 52090

ROOM/AREA

9

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures ✓
2. Reduce indoor lighting where illumination exceeds AEI recommended levels ✓
3. Increase daylighting X
4. Lower light fixtures X
5. Improve reflection and dispersion with light-colored ceiling and walls X

B. Improve lighting controls

1. Install occupancy controls to control lighting X
2. Install photocells to lighting near windows X
3. Install additional switches to control lighting arrangements X
4. Use time-clocks to shut off exterior building lights X

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps X
2. Replace incandescent lamps in exit sign fixtures with LED fixtures X
3. Replace incandescent lamps in exit signs with compact fluorescent lamps X
4. Replace standard fluorescent lamps with energy-conserving lamps X
5. Replace standard fluorescent ballasts with electronic ballasts ✓
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ✓
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ✓

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 32090

ROOM/AREA 10

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures ✓
2. Reduce indoor lighting where illumination exceeds AEI recommended levels ✓
3. Increase daylighting X
4. Lower light fixtures X
5. Improve reflection and dispersion with light-colored ceiling and walls X

B. Improve lighting controls

1. Install occupancy controls to control lighting ✓
2. Install photocells to lighting near windows ✓
3. Install additional switches to control lighting arrangements X
4. Use time-clocks to shut off exterior building lights X

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps X
2. Replace incandescent lamps in exit sign fixtures with LED fixtures X
3. Replace incandescent lamps in exit signs with compact fluorescent lamps X
4. Replace standard fluorescent lamps with energy-conserving lamps ✓
5. Replace standard fluorescent ballasts with electronic ballasts ✓
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ✓
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ✓

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 32090

ROOM/AREA 13

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures ✓
2. Reduce indoor lighting where illumination exceeds AEI recommended levels ✓
3. Increase daylighting X
4. Lower light fixtures X
5. Improve reflection and dispersion with light-colored ceiling and walls X

B. Improve lighting controls

1. Install occupancy controls to control lighting ✓
2. Install photocells to lighting near windows X
3. Install additional switches to control lighting arrangements X
4. Use time-clocks to shut off exterior building lights X

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps X
2. Replace incandescent lamps in exit sign fixtures with LED fixtures X
3. Replace incandescent lamps in exit signs with compact fluorescent lamps X
4. Replace standard fluorescent lamps with energy-conserving lamps ✓
5. Replace standard fluorescent ballasts with electronic ballasts ✓
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ✓
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ✓

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 32090

ROOM/AREA 1415

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures X
2. Reduce indoor lighting where illumination exceeds AEI recommended levels X
3. Increase daylighting X
4. Lower light fixtures X
5. Improve reflection and dispersion with light-colored ceiling and walls X

B. Improve lighting controls

1. Install occupancy controls to control lighting X
2. Install photocells to lighting near windows X
3. Install additional switches to control lighting arrangements X
4. Use time-clocks to shut off exterior building lights X

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps X
2. Replace incandescent lamps in exit sign fixtures with LED fixtures X
3. Replace incandescent lamps in exit signs with compact fluorescent lamps X
4. Replace standard fluorescent lamps with energy-conserving lamps X
5. Replace standard fluorescent ballasts with electronic ballasts X
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps X
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. X

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 3090

ROOM/AREA 16

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures ✓
2. Reduce indoor lighting where illumination exceeds AEI recommended levels ✓
3. Increase daylighting X
4. Lower light fixtures X
5. Improve reflection and dispersion with light-colored ceiling and walls X

B. Improve lighting controls

1. Install occupancy controls to control lighting ✓
2. Install photocells to lighting near windows ✓ (translucent windows)
3. Install additional switches to control lighting arrangements X
4. Use time-clocks to shut off exterior building lights X

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps X
2. Replace incandescent lamps in exit sign fixtures with LED fixtures X
3. Replace incandescent lamps in exit signs with compact fluorescent lamps X
4. Replace standard fluorescent lamps with energy-conserving lamps ✓
5. Replace standard fluorescent ballasts with electronic ballasts ✓
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ✓
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ✓

plan?

LIGHTING SURVEY DATA SHEET

office #1 ✓

BLDG. # 32090

ROOM # 1

Area Description: Mobile Equip Admin
 Area Dimensions: 12 ft X 18 ft.
 Fixture Grid: _____ ft X _____ ft. (center-to-center)
 Fixture Type: Surface Mtd. Fluor.
 Switching - Type: Sw No. 2
 Accessibility to User: One at door on on wall
 Hours of Operation: _____

Lamp Model: F40T12CW Ballast Model: Mark III

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>4</u>	<u>28</u>	<u>10</u>	_____

LIGHTING SURVEY DATA SHEET

Hallway ✓

BLDG. # 32090

ROOM # 2

Area Description: 1
 Area Dimensions: _____ ft X _____ ft.
 Fixture Grid: 12 ft X 9 ft. (center-to-center)
 Fixture Type: Recessed Fluor.
 Switching - Type: Sw No. 1
 Accessibility to User: 3' from
 Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>1</u>	_____	_____	_____

0 Shaver

LIGHTING SURVEY DATA SHEET

BLDG. # 32070

ROOM # 3

Area Description: Area Outside Restrooms
 Area Dimensions: 12 ft X 6 ft.
 Fixture Grid: _____ ft X _____ ft. (center-to-center)
 Fixture Type: Recessed Fluor.
 Switching - Type: Sw No. 1
 Accessibility to User: Good
 Hours of Operation: _____
 Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>1</u>	_____	_____	_____

0 Sensor

LIGHTING SURVEY DATA SHEET

BLDG. # 32070

ROOM # 4

Area Description: Restroom
 Area Dimensions: 4 ft X 6 ft.
 Fixture Grid: _____ ft X _____ ft. (center-to-center)
 Fixture Type: Recessed Fluor.
 Switching - Type: Sw No. 1
 Accessibility to User: _____
 Hours of Operation: _____
 Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>1</u>	<u>72</u>	<u>86</u>	_____

0 Sensor

LIGHTING SURVEY DATA SHEET

BLDG. # 32070

ROOM # 5

Area Description: Same as #4

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Recessed Fluor

Switching - Type: Sw No. _____

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
_____	_____	_____	_____	_____	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 32090

ROOM # 6

Area Description: Office

Area Dimensions: 36 ft X 22 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: _____

Switching - Type: _____ No. 1

Accessibility to User: At door

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>15</u>	<u>106</u>	<u>66</u>	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 32090

ROOM # 7

Area Description: Office #3
 Area Dimensions: 15 ft X 15 ft.
 Fixture Grid: _____ ft X _____ ft. (center-to-center)
 Fixture Type: Recessed Fluor.
 Switching - Type: 40 SW No. 2
 Accessibility to User: _____
 Hours of Operation: _____
 Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>1</u>	<u>43</u>	<u>24</u>	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 32090

ROOM # 8

Area Description: Files - usually vacated 3' off
 Area Dimensions: 12 ft X 18 (15) ft.
 Fixture Grid: _____ ft X _____ ft. (center-to-center)
 Fixture Type: Recessed Fluor.
 Switching - Type: _____ No. 1
 Accessibility to User: _____
 Hours of Operation: _____
 Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>2</u>	<u>60</u>	<u>34</u>	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 32090

ROOM # 11

Area Description: Office #4
 Area Dimensions: 21 ft X 30 ft.
 Fixture Grid: _____ ft X _____ ft. (center-to-center)
 Fixture Type: Recessed Fluor.
 Switching - Type: SW No. 2
 Accessibility to User: Good
 Hours of Operation: _____
 Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>1</u>	<u>46</u>	<u>53</u>	_____

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # 12

Area Description: Office #5
 Area Dimensions: 21 ft X 15 ft.
 Fixture Grid: _____ ft X _____ ft. (center-to-center)
 Fixture Type: Recessed Fluor.
 Switching - Type: SW No. 1
 Accessibility to User: Fair
 Hours of Operation: _____
 Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>4</u>	<u>35</u>	_____	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 32090

ROOM # 9 ✓

Area Description: Office #6

Area Dimensions: 27 ft X 33 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Recessed Fluor.

Switching - Type: SW No. 2

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>8</u>	<u>104</u>	<u>99</u>	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 32090

ROOM # 10 ✓

Area Description: Breakroom

Area Dimensions: _____ ft X _____ ft. see sketch

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Recessed Fluor.

Switching - Type: SW No. 2

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>8</u>	<u>89</u>	<u>56</u>	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 32090

ROOM # 13

Area Description: Conference Rm.

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Wrap-around acrylic

Switching - Type: _____ No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>6</u>	<u>91</u>	<u>71</u>	<u> </u>

D Sensor

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # 14

Area Description: Storage - Rarely Used

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: APS

Switching - Type: Sw No. 2

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>1</u>	<u>1</u>	<u>12</u>	<u> </u>	<u> </u>	<u> </u>

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # 15

Date: ✓

Area Description: Storage - Rarely Used

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: _____

Switching - Type: _____ No. _____

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

<u>Lamps/ Fixture</u>	<u>Ballast/ Fixture</u>	<u>No. Fixture</u>	<u>FC</u>	<u>FC</u>	<u>FC</u>
_____	_____	_____	_____	_____	_____

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # 16

✓

Area Description: Men's Room

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Recessed Fluor

Switching - Type: Sw No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

<u>Lamps/ Fixture</u>	<u>Ballast/ Fixture</u>	<u>No. Fixture</u>	<u>FC</u>	<u>FC</u>	<u>FC</u>
<u>4</u>	<u>2</u>	<u>2</u>	<u>83</u>	<u>45</u>	_____

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 32100

ROOM/AREA Offices

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures ✓
2. Reduce indoor lighting where illumination exceeds AEI recommended levels ✓
3. Increase daylighting X
4. Lower light fixtures X
5. Improve reflection and dispersion with light-colored ceiling and walls X

B. Improve lighting controls

1. Install occupancy controls to control lighting ✓
2. Install photocells to lighting near windows ✓
3. Install additional switches to control lighting arrangements X
4. Use time-clocks to shut off exterior building lights X

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps X
2. Replace incandescent lamps in exit sign fixtures with LED fixtures X
3. Replace incandescent lamps in exit signs with compact fluorescent lamps X
4. Replace standard fluorescent lamps with energy-conserving lamps ✓
5. Replace standard fluorescent ballasts with electronic ballasts ✓
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ✓
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ✓

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 32100

ROOM/AREA Break Rm

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures X
2. Reduce indoor lighting where illumination exceeds AEI recommended levels X
3. Increase daylighting X
4. Lower light fixtures X
5. Improve reflection and dispersion with light-colored ceiling and walls X

B. Improve lighting controls

1. Install occupancy controls to control lighting ✓
2. Install photocells to lighting near windows X
3. Install additional switches to control lighting arrangements X
4. Use time-clocks to shut off exterior building lights X

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps X
2. Replace incandescent lamps in exit sign fixtures with LED fixtures X
3. Replace incandescent lamps in exit signs with compact fluorescent lamps X
4. Replace standard fluorescent lamps with energy-conserving lamps ✓
5. Replace standard fluorescent ballasts with electronic ballasts ✓
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ✓
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ✓

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 32100

ROOM/AREA Restrooms

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures X
2. Reduce indoor lighting where illumination exceeds AEI recommended levels X
3. Increase daylighting X
4. Lower light fixtures X
5. Improve reflection and dispersion with light-colored ceiling and walls X

B. Improve lighting controls

1. Install occupancy controls to control lighting ✓
2. Install photocells to lighting near windows X
3. Install additional switches to control lighting arrangements X
4. Use time-clocks to shut off exterior building lights X

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps X
2. Replace incandescent lamps in exit sign fixtures with LED fixtures X
3. Replace incandescent lamps in exit signs with compact fluorescent lamps X
4. Replace standard fluorescent lamps with energy-conserving lamps ✓
5. Replace standard fluorescent ballasts with electronic ballasts ✓
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ✓
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ✓

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 32100

ROOM/AREA Entrance/Hallway

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures X
2. Reduce indoor lighting where illumination exceeds AEI recommended levels X
3. Increase daylighting X
4. Lower light fixtures X
5. Improve reflection and dispersion with light-colored ceiling and walls X

B. Improve lighting controls

1. Install occupancy controls to control lighting ✓
2. Install photocells to lighting near windows X
3. Install additional switches to control lighting arrangements X
4. Use time-clocks to shut off exterior building lights X

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps X
2. Replace incandescent lamps in exit sign fixtures with LED fixtures X
3. Replace incandescent lamps in exit signs with compact fluorescent lamps X
4. Replace standard fluorescent lamps with energy-conserving lamps ✓
5. Replace standard fluorescent ballasts with electronic ballasts ✓
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ✓
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ✓

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 32100

ROOM/AREA Storage 1

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures X
2. Reduce indoor lighting where illumination exceeds AEI recommended levels X
3. Increase daylighting X
4. Lower light fixtures X
5. Improve reflection and dispersion with light-colored ceiling and walls X

B. Improve lighting controls

1. Install occupancy controls to control lighting ✓
2. Install photocells to lighting near windows X
3. Install additional switches to control lighting arrangements X
4. Use time-clocks to shut off exterior building lights X

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps X
2. Replace incandescent lamps in exit sign fixtures with LED fixtures X
3. Replace incandescent lamps in exit signs with compact fluorescent lamps X
4. Replace standard fluorescent lamps with energy-conserving lamps ✓
5. Replace standard fluorescent ballasts with electronic ballasts ✓
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ✓
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ✓

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 32100

ROOM/AREA

Lat 1/2 Hallway

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures ✓
2. Reduce indoor lighting where illumination exceeds AEI recommended levels ✓
3. Increase daylighting X
4. Lower light fixtures X
5. Improve reflection and dispersion with light-colored ceiling and walls X

B. Improve lighting controls

1. Install occupancy controls to control lighting ✓
2. Install photocells to lighting near windows ✓
3. Install additional switches to control lighting arrangements X
4. Use time-clocks to shut off exterior building lights X

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps X
2. Replace incandescent lamps in exit sign fixtures with LED fixtures X
3. Replace incandescent lamps in exit signs with compact fluorescent lamps X
4. Replace standard fluorescent lamps with energy-conserving lamps ✓
5. Replace standard fluorescent ballasts with electronic ballasts ✓
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ✓
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ✓

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 32100

ROOM/AREA Elec. Int./Storage

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures X
2. Reduce indoor lighting where illumination exceeds AEI recommended levels X
3. Increase daylighting X
4. Lower light fixtures X
5. Improve reflection and dispersion with light-colored ceiling and walls X

B. Improve lighting controls

1. Install occupancy controls to control lighting ✓
2. Install photocells to lighting near windows X
3. Install additional switches to control lighting arrangements X
4. Use time-clocks to shut off exterior building lights X

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps X
2. Replace incandescent lamps in exit sign fixtures with LED fixtures X
3. Replace incandescent lamps in exit signs with compact fluorescent lamps X
4. Replace standard fluorescent lamps with energy-conserving lamps ✓
5. Replace standard fluorescent ballasts with electronic ballasts ✓
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ✓
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ✓

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 32100

ROOM/AREA Training Rm

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures X
2. Reduce indoor lighting where illumination exceeds AEI recommended levels X
3. Increase daylighting X
4. Lower light fixtures X
5. Improve reflection and dispersion with light-colored ceiling and walls X

B. Improve lighting controls

1. Install occupancy controls to control lighting ✓
2. Install photocells to lighting near windows X
3. Install additional switches to control lighting arrangements X
4. Use time-clocks to shut off exterior building lights X

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps X
2. Replace incandescent lamps in exit sign fixtures with LED fixtures X
3. Replace incandescent lamps in exit signs with compact fluorescent lamps X
4. Replace standard fluorescent lamps with energy-conserving lamps ✓
5. Replace standard fluorescent ballasts with electronic ballasts ✓
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ✓
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ✓

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 32100

ROOM/AREA Shop

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures X
2. Reduce indoor lighting where illumination exceeds AEI recommended levels X
3. Increase daylighting X
4. Lower light fixtures X
5. Improve reflection and dispersion with light-colored ceiling and walls X

B. Improve lighting controls

1. Install occupancy controls to control lighting ✓
2. Install photocells to lighting near windows X
3. Install additional switches to control lighting arrangements X
4. Use time-clocks to shut off exterior building lights X

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps X
2. Replace incandescent lamps in exit sign fixtures with LED fixtures X
3. Replace incandescent lamps in exit signs with compact fluorescent lamps X
4. Replace standard fluorescent lamps with energy-conserving lamps ✓
5. Replace standard fluorescent ballasts with electronic ballasts ✓
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ✓
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ✓

LIGHTING SURVEY DATA SHEET

BLDG. # 32100

ROOM # _____

Area Description: Office #1

Area Dimensions: _____ ft X _____ ft. 9'

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec. Fluor.

Switching - Type: Sw No. 1

Accessibility to User: Good

Hours of Operation: 1 shift

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>6</u>	<u>76</u>	<u>78</u>	_____

All exit signs are radioactive types

LIGHTING SURVEY DATA SHEET

BLDG. # 32100

ROOM # _____

Area Description: Office #2

Area Dimensions: _____ ft X _____ ft. 9'

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec. Fluor.

Switching - Type: Sw No. 2 (either)

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>3</u>	<u>76</u>	<u>87</u>	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 52100 ROOM # _____

Area Description: Break Rm ✓

Area Dimensions: _____ ft X _____ ft. 9'

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec. Fluor Acryl

Switching - Type: SW No. 2 (either)

Accessibility to User: good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>3</u>	<u>32</u>	<u>10</u>	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 32100 ROOM # _____ ✓

Area Description: Restrooms

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Strip Surf Mt. Side Wall Mt in cavity

Switching - Type: SW No. 21

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>3</u>	<u>26</u>	<u>7</u>	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 32100

ROOM #

Area Description: Entrance / Hallway
 Area Dimensions: ft X ft. 2' ceiling
 Fixture Grid: ft X ft. (center-to-center)
 Fixture Type: S.M. Acrylic lens
 Switching - Type: one No. 2
 Accessibility to User: Good
 Hours of Operation: 1 shift
 Lamp Model: U bend 40w Ballast Model:

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>3</u>	<u>17</u>	<u>19</u>	<u> </u>

1 exit sign no working
0 - sensor

LIGHTING SURVEY DATA SHEET

BLDG. # 32100

ROOM #

Area Description: Storage #1 (Off Lab)
 Area Dimensions: ft X ft.
 Fixture Grid: ft X ft. (center-to-center)
 Fixture Type: S.M. W-A Acyl.
 Switching - Type: sw No. 1
 Accessibility to User: good
 Hours of Operation:
 Lamp Model: Ballast Model:

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>4</u>	<u>17</u>	<u>39</u>	<u> </u>

0 - Sensor

LIGHTING SURVEY DATA SHEET

BLDG. # 32100

ROOM # _____

Area Description: Lab - Gas Markers Testing / Training

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: S.M. Acrylic

Switching - Type: _____ No. See Desc

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>3</u>	<u>50</u>	<u>100</u>	<u> </u>
<u>2</u>	<u>1</u>	<u>3</u>			

FL 2x4
U-benders

Translucent panels
Some req up to 150fc

LIGHTING SURVEY DATA SHEET

BLDG. # 32100

ROOM # _____

Area Description: Lab Hallway

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: S.M. Flu Acrylic

Switching - Type: SW No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>5</u>	<u>73</u>	<u>68</u>	<u> </u>

Translucent Panels

LIGHTING SURVEY DATA SHEET

BLDG. # 32100

ROOM # 112

Area Description: Electronic Testing
 Area Dimensions: _____ ft X _____ ft. 9'
 Fixture Grid: _____ ft X _____ ft. (center-to-center)
 Fixture Type: _____
 Switching - Type: SW No. 1
 Accessibility to User: Good
 Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>3</u>	<u>67</u>	<u>64</u>	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 32100

ROOM # _____

Area Description: Storage #2
 Area Dimensions: _____ ft X _____ ft.
 Fixture Grid: _____ ft X _____ ft. (center-to-center)
 Fixture Type: S.M. Genl W-A
 Switching - Type: SW No. 1
 Accessibility to User: Good
 Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>3</u>	<u>30</u>	<u>33</u>	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 32100

ROOM # _____

Area Description: Training Area

Area Dimensions: _____ ft X _____ ft. 9'

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec. Fl - Aerobic

Switching - Type: SW No. 2 (either)

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>6</u>	<u>54</u>	<u>58</u>	_____

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # _____

Area Description: Rebuild Shop ~~Wing~~

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Open Apert. no lens (2LB') (closed apert. all others)

Switching - Type: SW No. 7

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: F40T12 CW Ballast Model: EEM

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>8</u>	<u>40 - 120</u>	_____	_____
<u>4</u>	<u>2</u>	<u>22</u>	_____	_____	_____
<u>2</u>	<u>1</u>	<u>12</u>	_____	_____	_____

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 32130

ROOM/AREA Lab, Sub Lab

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures X
2. Reduce indoor lighting where illumination exceeds AEI recommended levels X
3. Increase daylighting X
4. Lower light fixtures X
5. Improve reflection and dispersion with light-colored ceiling and walls X

B. Improve lighting controls

1. Install occupancy controls to control lighting ✓
2. Install photocells to lighting near windows ✓
3. Install additional switches to control lighting arrangements ✓
4. Use time-clocks to shut off exterior building lights X

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps X
2. Replace incandescent lamps in exit sign fixtures with LED fixtures ✓
3. Replace incandescent lamps in exit signs with compact fluorescent lamps X
4. Replace standard fluorescent lamps with energy-conserving lamps ✓
5. Replace standard fluorescent ballasts with electronic ballasts ✓
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ✓
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ✓

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 32130

ROOM/AREA Restroom

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures X
2. Reduce indoor lighting where illumination exceeds AEI recommended levels X
3. Increase daylighting X
4. Lower light fixtures X
5. Improve reflection and dispersion with light-colored ceiling and walls X

B. Improve lighting controls

1. Install occupancy controls to control lighting ✓
2. Install photocells to lighting near windows ✓
3. Install additional switches to control lighting arrangements X
4. Use time-clocks to shut off exterior building lights X

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps ✓
2. Replace incandescent lamps in exit sign fixtures with LED fixtures X
3. Replace incandescent lamps in exit signs with compact fluorescent lamps X
4. Replace standard fluorescent lamps with energy-conserving lamps ✓
5. Replace standard fluorescent ballasts with electronic ballasts ✓
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ✓
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ✓

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 32130

ROOM/AREA Storage

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures X
2. Reduce indoor lighting where illumination exceeds AEI recommended levels X
3. Increase daylighting X
4. Lower light fixtures X
5. Improve reflection and dispersion with light-colored ceiling and walls X

B. Improve lighting controls

1. Install occupancy controls to control lighting ✓
2. Install photocells to lighting near windows X
3. Install additional switches to control lighting arrangements X
4. Use time-clocks to shut off exterior building lights X (1)

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps X
2. Replace incandescent lamps in exit sign fixtures with LED fixtures X
3. Replace incandescent lamps in exit signs with compact fluorescent lamps X
4. Replace standard fluorescent lamps with energy-conserving lamps ✓
5. Replace standard fluorescent ballasts with electronic ballasts ✓
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ✓
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ✓

(1) On photo cells

LIGHTING SURVEY DATA SHEET

BLDG. # 32130

ROOM # _____

Area Description: Lab

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Surface Mt ~~Geometric~~ Open Aperture

Switching - Type: SW No. 4

Accessibility to User: Fair See Dwg

Hours of Operation: 1 shift

Lamp Model: F40T12CW

Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>See Dwg</u>	<u>27</u>	<u>71</u>	_____

*Dwg is accurate
Continuously cooled with window units
5 Exit signs with 2 incand's*

LIGHTING SURVEY DATA SHEET

BLDG. # 32130

ROOM # _____

Area Description: Sub Lab

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: SM OA

Switching - Type: SW No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____

Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	_____	<u>124</u>	<u>90</u>	_____

Notes

LIGHTING SURVEY DATA SHEET

BLDG. # 32130 ROOM # _____

Area Description: Restroom

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Incandescent with Exp. - proof covers

Switching - Type: SW No. 1

Accessibility to User: Good

Hours of Operation: Interm.

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>1</u>	<u>0</u>	<u>2</u>	<u>22</u>	<u>10</u>	<u> </u>

LIGHTING SURVEY DATA SHEET

BLDG. # 32130 ROOM # _____

Area Description: Storage varly used

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: S.M. Acrylic Wrap-Brown

Switching - Type: _____ No. _____

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>2</u>	<u>10</u>	<u> </u>	<u> </u>

Old lamps

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 32150

ROOM/AREA Office & Restrooms

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures X
2. Reduce indoor lighting where illumination exceeds AEI recommended levels X
3. Increase daylighting X
4. Lower light fixtures X
5. Improve reflection and dispersion with light-colored ceiling and walls ✓

B. Improve lighting controls

1. Install occupancy controls to control lighting ✓
2. Install photocells to lighting near windows ✓
3. Install additional switches to control lighting arrangements X
4. Use time-clocks to shut off exterior building lights X (1)

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps X
2. Replace incandescent lamps in exit sign fixtures with LED fixtures X
3. Replace incandescent lamps in exit signs with compact fluorescent lamps X
4. Replace standard fluorescent lamps with energy-conserving lamps ✓
5. Replace standard fluorescent ballasts with electronic ballasts ✓
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ✓
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ✓

(1) Manual switch, but not used

LIGHTING SURVEY DATA SHEET

No Req. Bulb.

BLDG. # 32150

ROOM # _____

Area Description: Office (Left) Spaces

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: S.M.W-A Acrylic

Switching - Type: SW No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>1</u>	<u>39</u>	<u>22</u>	<u> </u>

Manual Steam heat - Manual valves
all rooms over heated

LIGHTING SURVEY DATA SHEET

BLDG. # 32150

ROOM # _____

Area Description: Restrooms

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: SMW-AA

Switching - Type: SW No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>1</u>	<u>42</u>	<u>34</u>	<u> </u>

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 32060 / 33060

ROOM/AREA Blr / Comp

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures X
2. Reduce indoor lighting where illumination exceeds AEI recommended levels X
3. Increase daylighting X
4. Lower light fixtures X
5. Improve reflection and dispersion with light-colored ceiling and walls X

B. Improve lighting controls

1. Install occupancy controls to control lighting ✓
2. Install photocells to lighting near windows X
3. Install additional switches to control lighting arrangements ✓
4. Use time-clocks to shut off exterior building lights X

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps X
2. Replace incandescent lamps in exit sign fixtures with LED fixtures X
3. Replace incandescent lamps in exit signs with compact fluorescent lamps X
4. Replace standard fluorescent lamps with energy-conserving lamps ✓
5. Replace standard fluorescent ballasts with electronic ballasts ✓
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ✓
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ✓

LIGHTING SURVEY DATA SHEET

BLDG. # 32060 / 33060

ROOM # _____

Area Description: Compressor Rm

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Hanging - No reflector

Switching - Type: CB No. 3

Accessibility to User: Fair

Hours of Operation: Almost never used

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>6</u>	<u>10</u>	<u>54</u>	_____

Lots of Glass - Lights on
O-Sensor

LIGHTING SURVEY DATA SHEET

BLDG. # 32060

ROOM # _____

Area Description: Boiler Rm

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Closed Aperture

Switching - Type: CB No. 3

Accessibility to User: _____

Hours of Operation: Checked hourly

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>3</u>	_____	_____	_____
<u>1</u>	_____	<u>8</u>	_____	_____	_____

Floor
Incard

Lots of glass
O-Sensor
Incard's not operating

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 33530

ROOM/AREA All

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures X
2. Reduce indoor lighting where illumination exceeds AEI recommended levels X
3. Increase daylighting X
4. Lower light fixtures X
5. Improve reflection and dispersion with light-colored ceiling and walls ✓

B. Improve lighting controls

1. Install occupancy controls to control lighting X
2. Install photocells to lighting near windows X
3. Install additional switches to control lighting arrangements X
4. Use time-clocks to shut off exterior building lights X

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps X
2. Replace incandescent lamps in exit sign fixtures with LED fixtures X
3. Replace incandescent lamps in exit signs with compact fluorescent lamps X
4. Replace standard fluorescent lamps with energy-conserving lamps X
5. Replace standard fluorescent ballasts with electronic ballasts X
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps X
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ?

LIGHTING SURVEY DATA SHEET

BLDG. # 33530

ROOM # _____

Area Description: North End (NE) End

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: _____

Switching - Type: CB No. _____

Accessibility to User: Poor East Exterior Mid of Bldg

Hours of Operation: _____

Lamp Model: _____

Ballast Model: _____

H
8'
8'

HID

HPS

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>1</u>	<u>1</u>	<u>35</u>	<u>21</u>	<u>32</u>	_____
<u>1</u>	<u>1</u>	<u>6</u>			

LIGHTING SURVEY DATA SHEET

BLDG. # 33530

ROOM # _____

Area Description: NE Corner

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: _____

Switching - Type: _____ No. _____

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: HPS

Ballast Model: _____

HPS

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>1</u>	<u>1</u>	<u>12</u>	<u>49</u>	_____	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 33530 ROOM # _____

Area Description: SW end

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: ~~HPS~~ ~~HID~~

Switching - Type: CB No. _____

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: HPS/HID Ballast Model: _____

	<u>Lamps/ Fixture</u>	<u>Ballast/ Fixture</u>	<u>No. Fixture</u>	<u>FC</u>	<u>FC</u>	<u>FC</u>
<u>HID</u>	<u>1</u>	<u>1</u>	<u>25</u>	<u>39</u>	_____	_____
<u>HPS</u>	<u>1</u>	<u>1</u>	<u>5</u>			

LIGHTING SURVEY DATA SHEET

BLDG. # _____ ROOM # _____

Area Description: _____

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: _____

Switching - Type: _____ No. _____

Accessibility to User: _____

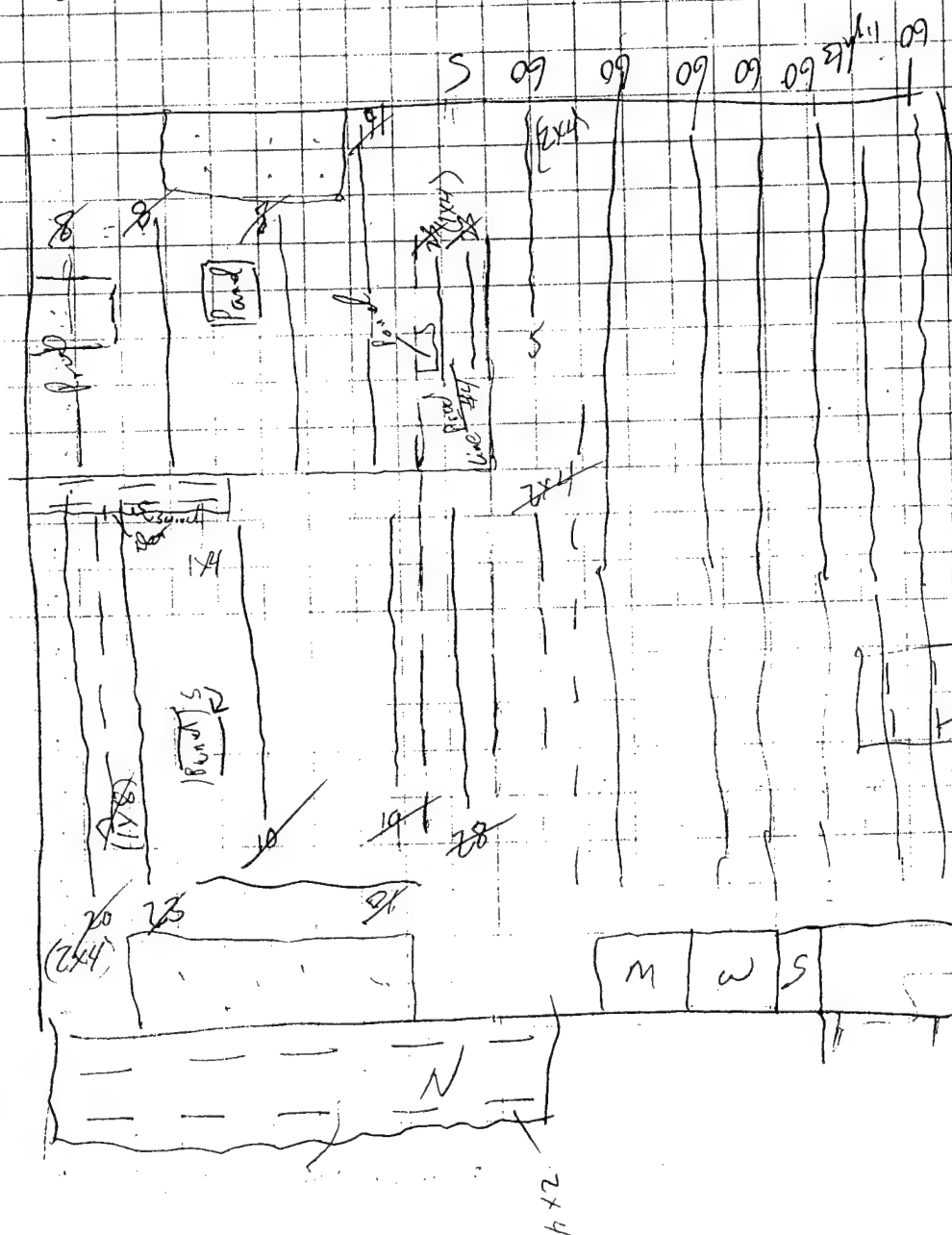
Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

	<u>Lamps/ Fixture</u>	<u>Ballast/ Fixture</u>	<u>No. Fixture</u>	<u>FC</u>	<u>FC</u>	<u>FC</u>
	_____	_____	_____	_____	_____	_____

AEP NO _____
SHEET _____ OF _____
DATE _____
DATE _____

34/10 White Phosphorus



LIGHTING SURVEY ECO CHECK-LIST

BLDG # 34110

ROOM/AREA

Packing / Paint

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures X
2. Reduce indoor lighting where illumination exceeds AEI recommended levels X
3. Increase daylighting X
4. Lower light fixtures X
5. Improve reflection and dispersion with light-colored ceiling and walls ✓ ?

B. Improve lighting controls

1. Install occupancy controls to control lighting X
2. Install photocells to lighting near windows X
3. Install additional switches to control lighting arrangements ✓
4. Use time-clocks to shut off exterior building lights X

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps X
2. Replace incandescent lamps in exit sign fixtures with LED fixtures X
3. Replace incandescent lamps in exit signs with compact fluorescent lamps X
4. Replace standard fluorescent lamps with energy-conserving lamps ✓
5. Replace standard fluorescent ballasts with electronic ballasts ✓
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ✓
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. X

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 34110

ROOM/AREA Packaging Office

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures X
2. Reduce indoor lighting where illumination exceeds AEI recommended levels X
3. Increase daylighting X
4. Lower light fixtures X
5. Improve reflection and dispersion with light-colored ceiling and walls X

B. Improve lighting controls

1. Install occupancy controls to control lighting ✓
2. Install photocells to lighting near windows X
3. Install additional switches to control lighting arrangements X
4. Use time-clocks to shut off exterior building lights X

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps X
2. Replace incandescent lamps in exit sign fixtures with LED fixtures X
3. Replace incandescent lamps in exit signs with compact fluorescent lamps X
4. Replace standard fluorescent lamps with energy-conserving lamps ✓
5. Replace standard fluorescent ballasts with electronic ballasts ✓
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ✓
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. X

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 34110

ROOM/AREA Prep Rm

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures X
2. Reduce indoor lighting where illumination exceeds AEI recommended levels X
3. Increase daylighting X?
4. Lower light fixtures X
5. Improve reflection and dispersion with light-colored ceiling and walls ✓

B. Improve lighting controls

1. Install occupancy controls to control lighting X
2. Install photocells to lighting near windows X
3. Install additional switches to control lighting arrangements ✓
4. Use time-clocks to shut off exterior building lights X

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps X
2. Replace incandescent lamps in exit sign fixtures with LED fixtures X
3. Replace incandescent lamps in exit signs with compact fluorescent lamps X
4. Replace standard fluorescent lamps with energy-conserving lamps ✓
5. Replace standard fluorescent ballasts with electronic ballasts ✓
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ✓
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. X

LIGHTING SURVEY ECO CHECK-LIST

Same as others

BLDG # 34110

ROOM/AREA Production line 4

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures
2. Reduce indoor lighting where illumination exceeds AEI recommended levels
3. Increase daylighting
4. Lower light fixtures
5. Improve reflection and dispersion with light-colored ceiling and walls

X

X

X²

X

✓

B. Improve lighting controls

1. Install occupancy controls to control lighting
2. Install photocells to lighting near windows
3. Install additional switches to control lighting arrangements
4. Use time-clocks to shut off exterior building lights

X

X

✓

X

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps
2. Replace incandescent lamps in exit sign fixtures with LED fixtures
3. Replace incandescent lamps in exit signs with compact fluorescent lamps
4. Replace standard fluorescent lamps with energy-conserving lamps
5. Replace standard fluorescent ballasts with electronic ballasts
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc.

X

X

X

✓

✓

✓

X

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 34110

ROOM/AREA Filling

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures X
2. Reduce indoor lighting where illumination exceeds AEI recommended levels X
3. Increase daylighting X
4. Lower light fixtures X
5. Improve reflection and dispersion with light-colored ceiling and walls X

B. Improve lighting controls

1. Install occupancy controls to control lighting ✓
2. Install photocells to lighting near windows X
3. Install additional switches to control lighting arrangements X
4. Use time-clocks to shut off exterior building lights X

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps X
2. Replace incandescent lamps in exit sign fixtures with LED fixtures X
3. Replace incandescent lamps in exit signs with compact fluorescent lamps X
4. Replace standard fluorescent lamps with energy-conserving lamps ✓
5. Replace standard fluorescent ballasts with electronic ballasts ✓
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ✓
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ✓

LIGHTING SURVEY DATA SHEET

BLDG. # _____ ROOM # NE

Area Description: Re White Phosphorus - Packing

Area Dimensions: 154 ft X 154 ft. 20

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Hanging 2x4 Closed Aperture 12' high

Switching - Type: _____ No. _____

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: F40T12CW Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
-------------------	---------------------	----------------	----	----	----

<u>2</u>	<u>1</u>	<u>4</u>	<u>6</u>	<u>11</u>	<u> </u>
<u>4</u>	<u>1</u>	<u>4</u>	<u> </u>	<u> </u>	<u> </u>

Pend Open ap.

Few Windows

LIGHTING SURVEY DATA SHEET

BLDG. # _____ ROOM # _____

Area Description: Paint Shop

Area Dimensions: 154 ft X 28 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Surf. Mt. Open Aperture

Switching - Type: _____ No. _____

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: F96 Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
-------------------	---------------------	----------------	----	----	----

<u>2</u>	<u>1</u>	<u>10</u>	<u>20</u>	<u>31</u>	<u> </u>
----------	----------	-----------	-----------	-----------	---------------

LIGHTING SURVEY DATA SHEET

Alkan D. (Sdy 2410)
Way have design

BLDG. # _____

ROOM # _____

Area Description: Packing Office
 Area Dimensions: 12 ft X 15 ft.
 Fixture Grid: _____ ft X _____ ft. (center-to-center)
 Fixture Type: _____
 Switching - Type: SW No. 1
 Accessibility to User: Good
 Hours of Operation: _____

Ⓛ Lamp Model: F40 Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>6</u>	<u>75</u>	<u>83</u>	_____

0' Sensor

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # _____

Area Description: Preparation Room
 Area Dimensions: 103 ft X 137 ft.
 Fixture Grid: _____ ft X _____ ft. (center-to-center)
 Ⓛ Fixture Type: Hanging 1x4 Closed Aper.
 Switching - Type: CB No. _____
 Accessibility to User: On columns
 Hours of Operation: _____

Lamp Model: F40 Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	_____	<u>3</u>	<u>9</u>	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 34110

ROOM # _____

Area Description: Production Line #4 (Next to Prep) ✓

Area Dimensions: 34 ft X 85 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

✱ Fixture Type: Hanging Closed Apert (1x4)

Switching - Type: CB No. _____

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: F40 Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>46</u>	<u>18</u>	<u>20</u>	_____

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # _____

Area Description: Filling ✓

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Closed Apert Hanging

Switching - Type: _____ No. _____

Accessibility to User: _____

Hours of Operation: 1 Shift

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	_____	_____	<u>24</u>	<u>53</u>	_____
<u>4</u>	_____	<u>6</u>	_____	_____	_____

8
E 2X4

LIGHTING SURVEY DATA SHEET

BLDG. # 34110

ROOM # _____

Area Description: Filling Office

Area Dimensions: 14 ft X 10 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Open Apert.

Switching - Type: _____ No. _____

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: F40 Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>4</u>	<u>32</u>	<u>52</u>	_____

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # _____

Area Description: _____

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: _____

Switching - Type: _____ No. _____

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
_____	_____	_____	_____	_____	_____

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 34120

ROOM/AREA ALL

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures X
2. Reduce indoor lighting where illumination exceeds AEI recommended levels X
3. Increase daylighting X
4. Lower light fixtures X
5. Improve reflection and dispersion with light-colored ceiling and walls ✓

B. Improve lighting controls

1. Install occupancy controls to control lighting ✓
2. Install photocells to lighting near windows X
3. Install additional switches to control lighting arrangements ✓
4. Use time-clocks to shut off exterior building lights X

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps X
2. Replace incandescent lamps in exit sign fixtures with LED fixtures X
3. Replace incandescent lamps in exit signs with compact fluorescent lamps X
4. Replace standard fluorescent lamps with energy-conserving lamps ✓
5. Replace standard fluorescent ballasts with electronic ballasts ✓
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ✓
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ✓

LIGHTING SURVEY DATA SHEET

BLDG. # 34120

ROOM # (1)

Area Description: Office SE Corner
 Area Dimensions: _____ ft X _____ ft. 9'
 Fixture Grid: _____ ft X _____ ft. (center-to-center)
 Fixture Type: Rae'd with acrylic
 Switching - Type: SW No. 1
 Accessibility to User: _____
 Hours of Operation: _____
 Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>3</u>	<u>2</u>	<u>8</u>	<u>25</u>	<u>36</u>	_____

----- LIGHTING SURVEY DATA SHEET

BLDG. # 34120

ROOM # (2)

Area Description: Office (next to SE Corner)
 Area Dimensions: _____ ft X _____ ft.
 Fixture Grid: _____ ft X _____ ft. (center-to-center)
 Fixture Type: Rae'd with acrylic
 Switching - Type: Man No. 2 either
 Accessibility to User: Good
 Hours of Operation: 1 shift
 Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>2</u>	<u>14</u>	<u>25</u>	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 34120

ROOM # 3

Area Description: Hallway

Area Dimensions: _____ ft X _____ ft. 12'

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Mercury Vapor hang to 9'

Switching - Type: ms No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>1</u>	<u>1</u>	<u>3</u>	<u>37</u>	<u>8</u>	<u> </u>

LIGHTING SURVEY DATA SHEET

BLDG. # 34120

ROOM # 4

Area Description: Office 4

Area Dimensions: _____ ft X _____ ft. 12'

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: M.V. hanging to 9'

Switching - Type: ms No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>1</u>	<u>1</u>	<u>15</u>	<u>36</u>	<u>25</u>	<u> </u>

LIGHTING SURVEY DATA SHEET

BLDG. # 34120

ROOM # _____

Area Description: Storage

Area Dimensions: _____ ft X _____ ft. 12'

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: MV hang to 9'

Switching - Type: MS No. 2

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>1</u>	<u>1</u>	<u>14</u>	<u>42</u>	<u>35</u>	_____

Many do not work

LIGHTING SURVEY DATA SHEET

BLDG. # 34120

ROOM # _____

Area Description: Break room

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: _____

Switching - Type: SW No. 1

Accessibility to User: Fair

Hours of Operation: _____

Lamp Model: 40w Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>3</u>	<u>51</u>	<u>50</u>	_____

LIGHTING SURVEY DATA SHEET

BLDG. # 34120

ROOM # _____

Area Description: Restrooms (2)

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 2x4 Rec'd Fl. w acrylic

Switching - Type: WS No. 1

Accessibility to User: Good

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>1</u>	<u>1</u>	<u>1</u>	<u>55</u>	<u>67</u>	—
<u>2</u>	<u>1</u>	<u>2</u>	<u>48</u>	<u>15</u>	—

Foyer

LIGHTING SURVEY DATA SHEET

BLDG. # 34120

ROOM # _____

Area Description: Lab

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec'd with acrylic SMWA

Switching - Type: WS No. 2 One sw controls inner lamp
One sw " 2 outer lamps

Accessibility to User: Fair

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>3</u>	<u>2</u>	<u>16</u>	<u>44</u>	<u>33</u>	—

Switch needs replacing

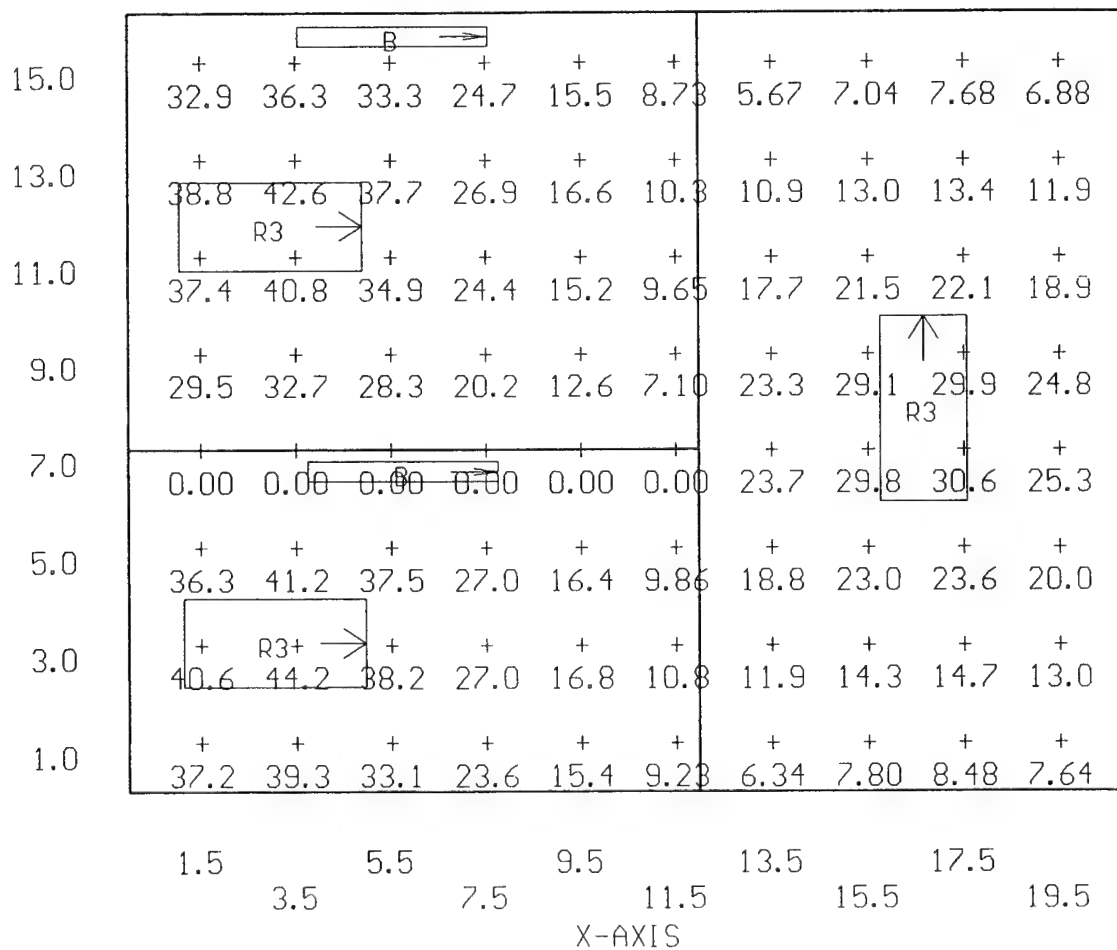
USI's LITE*PRO V2.27E Point-By-Point Numeric Output 15:03 8-Feb-95
 PROJECT: 34-120 AREA: TOILETS/FOYER GRID: Ceiling
 Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5
 Computed in accordance with IES recommendations

+ MIN=0.00 MAX=44.2 AVE=20.8 AVE/MIN=N/A MAX/MIN=N/A

B <2> = K8958 COLUMBIA W140-A, (1) F40CW, LLF= 0.60

R3 <3> = K7965 COLUMBIA 2SG240-EXA.125NOM, (2) F40CW, LLF= 0.68

Y-AXIS



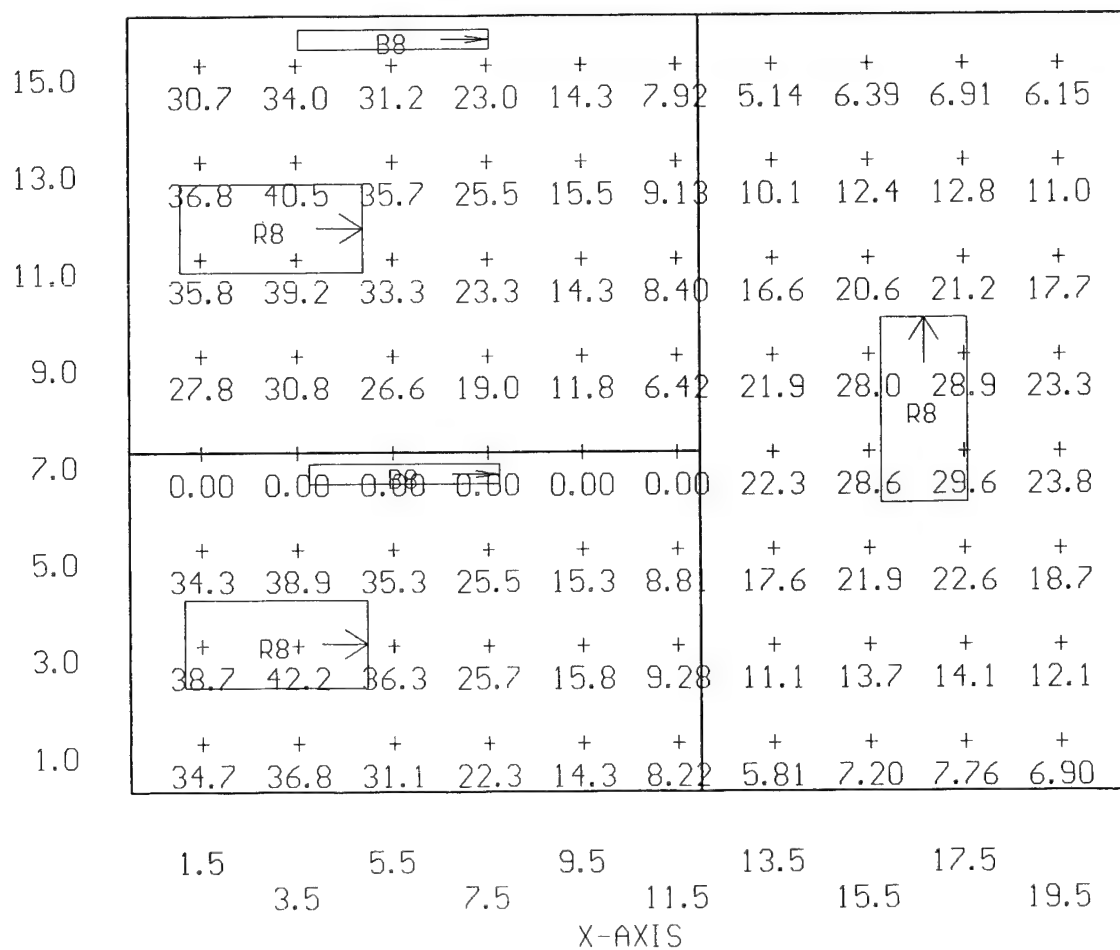
USI's LITE*PRO V2.27E Point-By-Point Numeric Output 09:38 10-Mar-95
 PROJECT: 34-120 AREA: TOILETS/FOYER-N GRID: Ceiling
 Values are FC, SCALE: 1 IN= 4.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5
 Computed in accordance with IES recommendations

+ MIN=0.00 MAX=42.2 AVE=19.6 AVE/MIN=N/A MAX/MIN=N/A

B8 <2> = K8958 COLUMBIA W140-A, (1) F032/35K, LLF= 0.62

R8 <3> = 9868 COLUMBIA T84PS2*-84-242-2EOCT, (2) F032/31K, LLF= 0.66

Y-AXIS

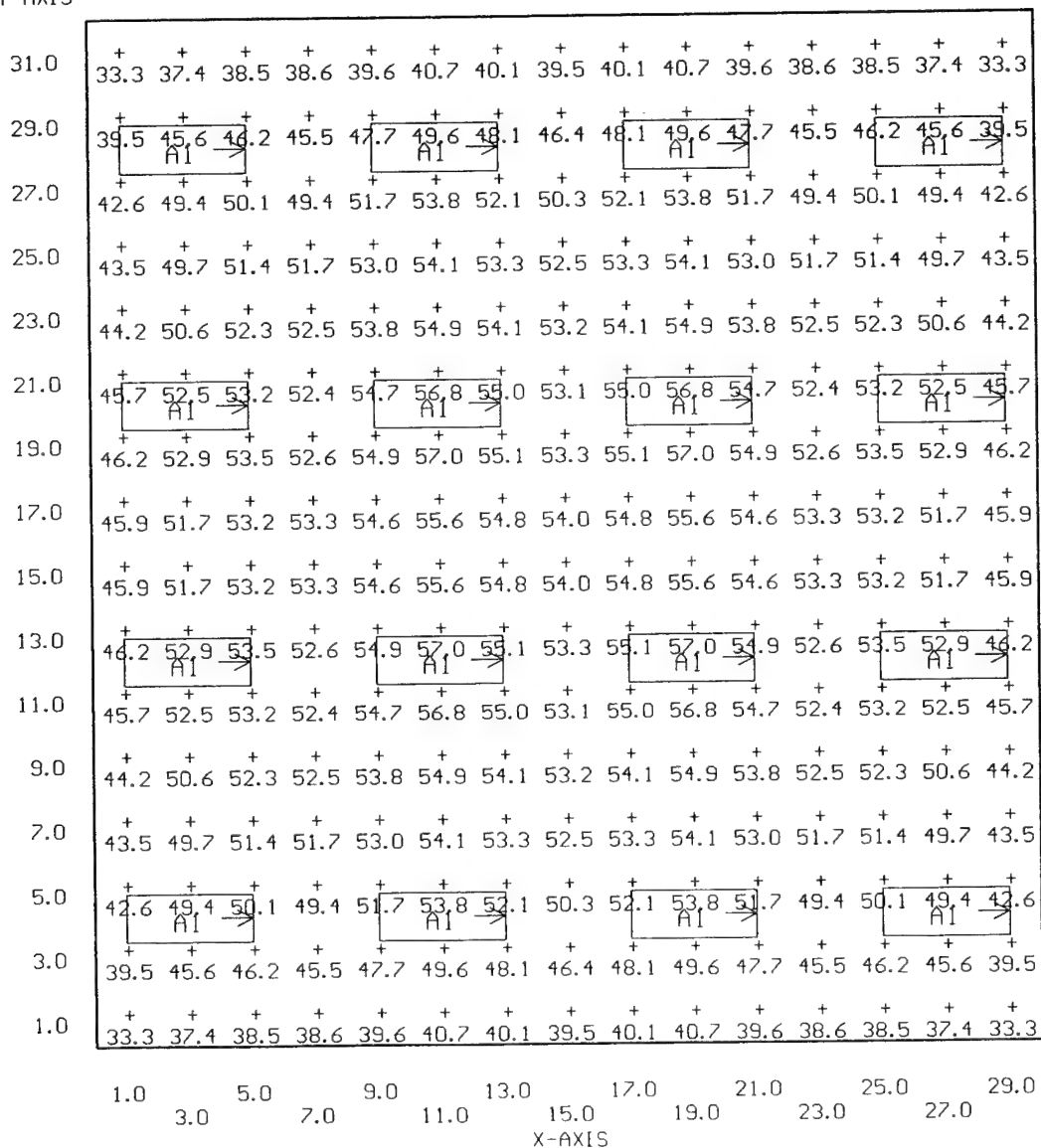


USI's LITE*PRO V2.27E Point-By-Point Numeric Output 15:10 8-Feb-95
 PROJECT: 34-120 AREA: LAB GRID: Ceiling
 Values are FC, SCALE: 1 IN= 6.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5
 Computed in accordance with IES recommendations

+ MIN=33.3 MAX=57.0 AVE=49.5 AVE/MIN= 1.49 MAX/MIN= 1.71

A1 <16> = K9609 COLUMBIA WPW340-A, (3) F40CW/RS/WM, LLF= 0.68

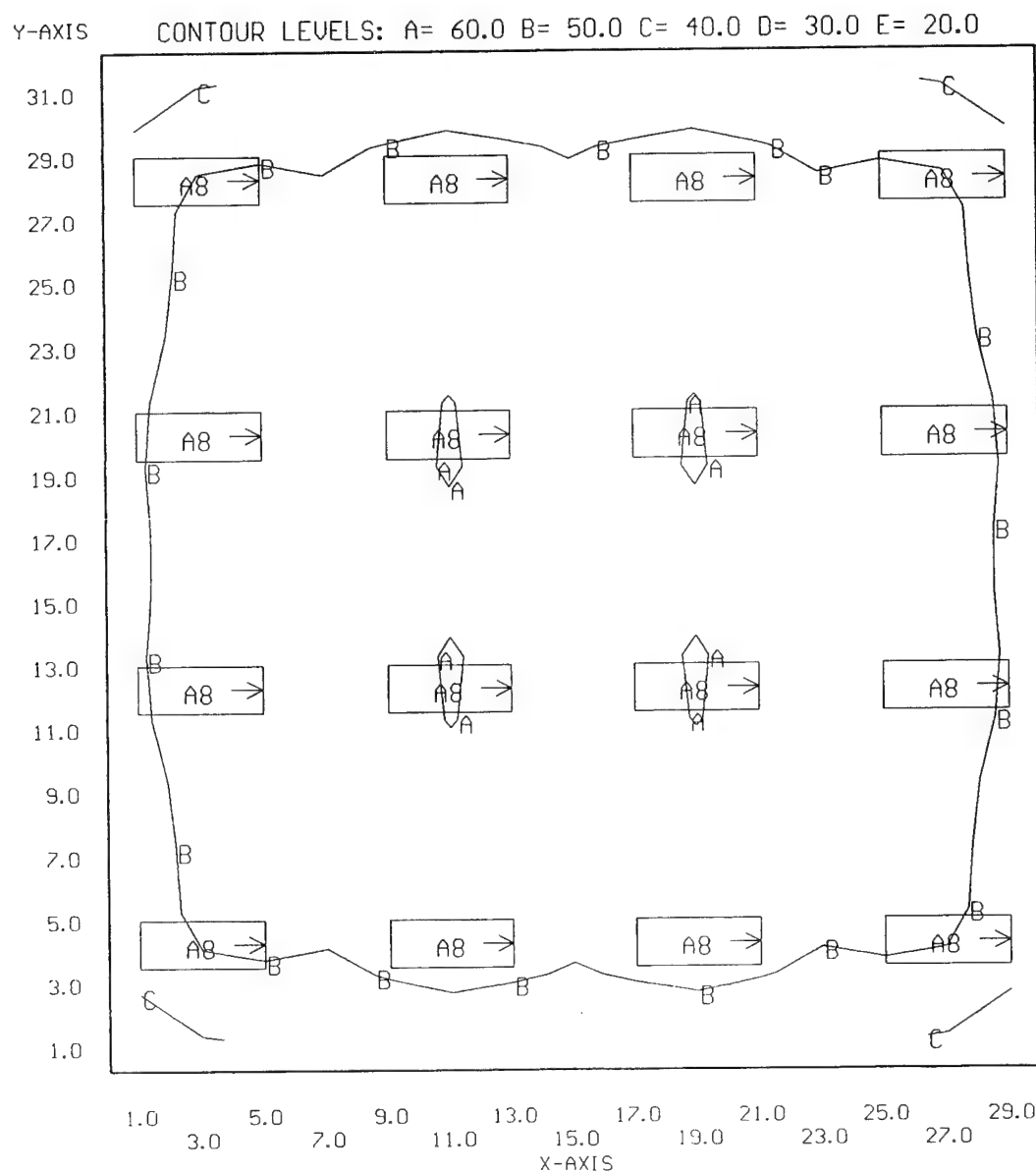
Y-AXIS



USI's LITE*PRO V2.27E Point-By-Point Numeric Output 09:46 10-Mar-95
 PROJECT: 34-120 AREA: LAB-N GRID: Ceiling
 Values are FC, SCALE: 1 IN= 6.0FT, HORZ GRID (U), HORZ CALC, Z= 2.5
 Computed in accordance with IES recommendations

+ MIN=35.3 MAX=60.4 AVE=52.5 AVE/MIN= 1.49 MAX/MIN= 1.71

A8 <16> = K9609 COLUMBIA WPW340-A, (3) F032/35K, LLF= 0.66



LIGHTING SURVEY DATA SHEET

BLDG. # _____ ROOM # _____

Area Description: Office 3

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: _____

Switching - Type: _____ No. _____

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>3</u>	<u>2</u>	<u>4</u>	<u>47</u>	<u>51</u>	<u> </u>

----- LIGHTING SURVEY DATA SHEET

BLDG. # _____ ROOM # _____

Area Description: Office 4

Area Dimensions: _____ ft X _____ ft. 8'

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Rec'd Ceramic

Switching - Type: WS No. 1

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: 34W Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>3</u>	<u>2</u>	<u>6</u>	<u>29</u>	<u>32</u>	<u> </u>

Low light levels due to 34W

34-140

RS&H

Compressor
& Boiler Houses

SUBJECT _____

AEP NO _____

DESIGNER _____

SHEET _____ OF _____

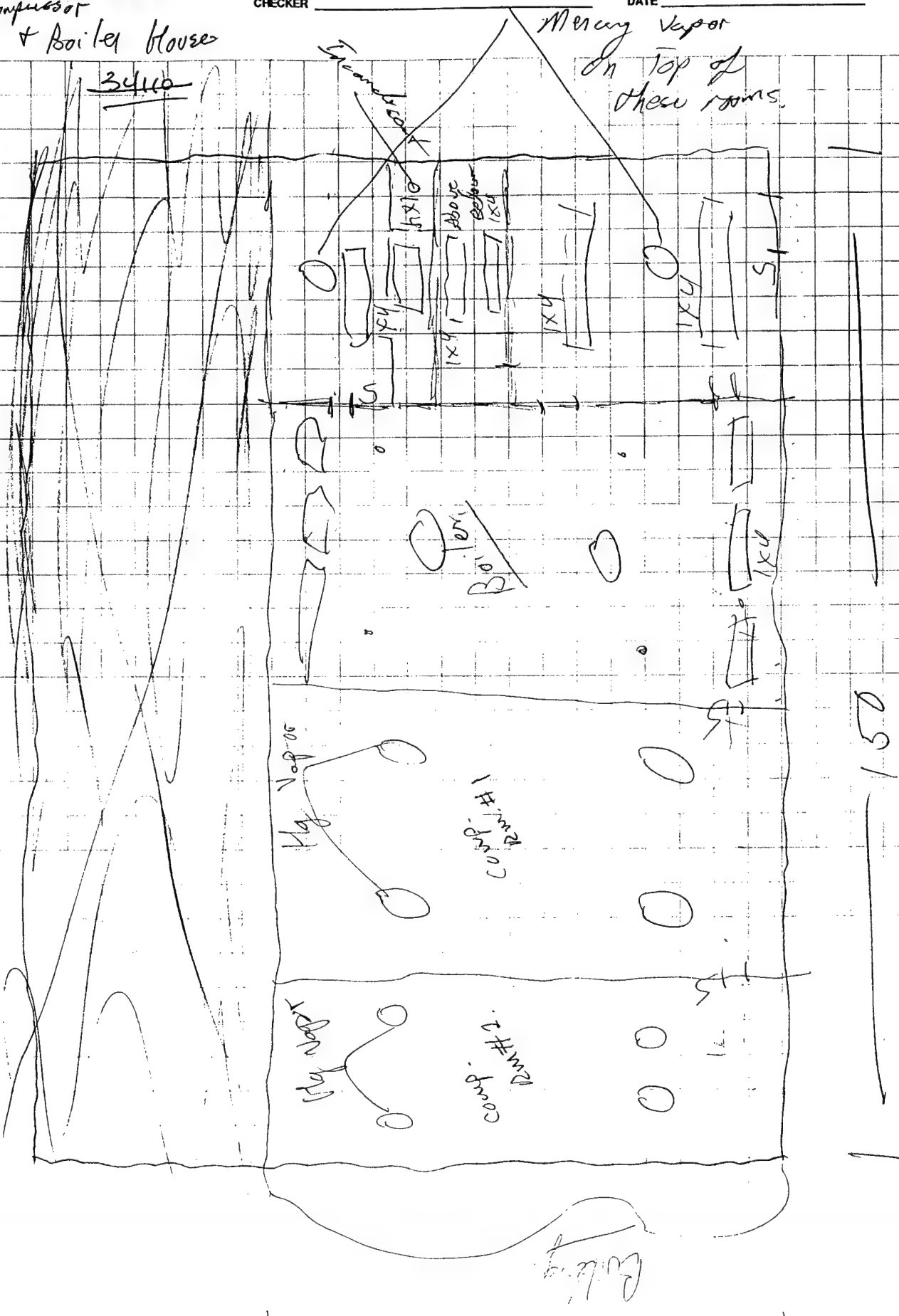
CHECKER _____

DATE _____

DATE _____

Mercury Vapor
On Top of
these rooms.

34100



LIGHTING SURVEY ECO CHECK-LIST

BLDG # 34140

ROOM/AREA Office

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures X
2. Reduce indoor lighting where illumination exceeds AEI recommended levels X
3. Increase daylighting X
4. Lower light fixtures X
5. Improve reflection and dispersion with light-colored ceiling and walls X

B. Improve lighting controls

1. Install occupancy controls to control lighting X
2. Install photocells to lighting near windows X
3. Install additional switches to control lighting arrangements X
4. Use time-clocks to shut off exterior building lights X

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps X
2. Replace incandescent lamps in exit sign fixtures with LED fixtures X
3. Replace incandescent lamps in exit signs with compact fluorescent lamps X
4. Replace standard fluorescent lamps with energy-conserving lamps ✓
5. Replace standard fluorescent ballasts with electronic ballasts ✓
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ✓
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. X

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 34140

ROOM/AREA Water Treatment

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures X
2. Reduce indoor lighting where illumination exceeds AEI recommended levels X
3. Increase daylighting X
4. Lower light fixtures X
5. Improve reflection and dispersion with light-colored ceiling and walls X

B. Improve lighting controls

1. Install occupancy controls to control lighting ✓
2. Install photocells to lighting near windows X
3. Install additional switches to control lighting arrangements X
4. Use time-clocks to shut off exterior building lights X

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps X
2. Replace incandescent lamps in exit sign fixtures with LED fixtures X
3. Replace incandescent lamps in exit signs with compact fluorescent lamps X
4. Replace standard fluorescent lamps with energy-conserving lamps ✓
5. Replace standard fluorescent ballasts with electronic ballasts ✓
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ✓
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. X

34-140
BLDG # 344110 LIGHTING SURVEY ECO CHECK-LIST
ROOM/AREA Boiler/Comp/Rest

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures X
2. Reduce indoor lighting where illumination exceeds AEI recommended levels X
3. Increase daylighting ✓
4. Lower light fixtures X
5. Improve reflection and dispersion with light-colored ceiling and walls X

B. Improve lighting controls

1. Install occupancy controls to control lighting ✓
2. Install photocells to lighting near windows X
3. Install additional switches to control lighting arrangements X
4. Use time-clocks to shut off exterior building lights X

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps ✓
2. Replace incandescent lamps in exit sign fixtures with LED fixtures X
3. Replace incandescent lamps in exit signs with compact fluorescent lamps X
4. Replace standard fluorescent lamps with energy-conserving lamps ✓
5. Replace standard fluorescent ballasts with electronic ballasts ✓
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ✓
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ✓

LIGHTING SURVEY DATA SHEET

BLDG. # 34140

ROOM # _____

A

Area Description: Office

Area Dimensions: 15 ft X 12 ft. 8'

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: Surf. Mt. Open Apert.

Switching - Type: SW No. 1

Accessibility to User: Good

Hours of Operation: 2 1/2

Lamp Model: F96T12

Ballast Model: _____

Lamps/
Fixture

Ballast/
Fixture

No.
Fixture

FC

FC

FC

4*

2*

2

45

61

* Only 2 used

LIGHTING SURVEY DATA SHEET

BLDG. # 34140

ROOM # _____

Area Description: Water Chem. Test

Area Dimensions: 5 ft X 10 (12) ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 1 Surf Mt Open Cap, 1 Enclosed Pend. 6'

Switching - Type: Man No. 2

Accessibility to User: Good

Hours of Operation: Intermittant

Lamp Model: F40T12 WM

Ballast Model: _____

Lamps/
Fixture

Ballast/
Fixture

No.
Fixture

FC

FC

FC

2

1

2

47

O'Suzer

F40CW/WM

LIGHTING SURVEY DATA SHEET

BLDG. # 34140

ROOM # _____

Area Description: Rest Room Boiler

Area Dimensions: 30 ft X 20 ft. 25'

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 1x4 2L Hanging Closed Cap.

Switching - Type: _____ No. _____

Accessibility to User: _____

Hours of Operation: Intermittent

Lamp Model: _____ Ballast Model: _____

	Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
B FL	<u>2</u>	<u>1</u>	<u>✓ 6</u>	<u>5</u>	<u>29</u>	_____
MV	<u>1</u>	<u>1</u>	<u>✓ 2</u>	_____	_____	_____
Inc	<u>1</u>	_____	<u>✓ 4</u>	_____	_____	_____

Many steam leaks
New boilers sitting near Boiler House

LIGHTING SURVEY DATA SHEET

BLDG. # 34140

ROOM # _____

Area Description: Boiler House Rest Room

Area Dimensions: _____ ft X _____ ft. 10'

Fixture Grid: 10 ft X 10 ft. (center-to-center)

Fixture Type: S.M. Closed Cap.

Switching - Type: _____ No. 1

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

	Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
	<u>2</u>	<u>1</u>	<u>✓ 2</u>	<u>23</u>	_____	_____

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # _____

Area Description: _____

Compressor Rm 1

Area Dimensions: _____

20 ft X 30 ft. 15'

Fixture Grid: _____

ft X _____ ft. (center-to-center)

Fixture Type: _____

Merc. Vapor Hanging 10' high

Switching - Type: _____

WS No. 1

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____

Ballast Model: _____

Lamps/
Fixture

Ballast/
Fixture

No.
Fixture

FC

FC

FC

1

1

4

LIGHTING SURVEY DATA SHEET

BLDG. # _____

ROOM # _____

Area Description: _____

Comp. Rm #2

Area Dimensions: _____

20 ft X 30 ft. 15'

Fixture Grid: _____

ft X _____ ft. (center-to-center)

Fixture Type: _____

MV. Hanging 10' high

Switching - Type: _____

WS No. 1

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____

Ballast Model: _____

Lamps/
Fixture

Ballast/
Fixture

No.
Fixture

FC

FC

FC

1

1

4

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # DOES RM #2

Area Description: LOCKER ROOM / DRESSING AREA (CHANGE RM2)

Area Dimensions: SEE DRAW ft X _____ ft. 11'6" CEILING

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: BENDENT 2 TUBE FL WRAP AROUND

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: 0530 - 1730

Lamp Model: F4D-CW

Ballast Model: ADVANCE RS-2540-TP MARK I
120V

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>15</u>	<u>32</u>	<u>20</u>	<u>26</u>

FIXTURE HEIGHT - 8'3"

NO EXIT SIGN

ALLOW - 175W IN 40.

LAST PERSON LEAVING TURNS LIGHTS OFF

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # Toile. #2

Area Description: TOILET ROOM

Area Dimensions: SEE DRAW ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: SAME AS D.R. #2

Switching - Type: OVERHEADLY-WALL No. 1

Accessibility to User: OK

Hours of Operation: 0530 - 1730

Lamp Model: SAME AS D.R. #2

Ballast Model: SAME AS D.R. #2

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>5</u>	<u>27</u>	<u>24</u>	_____

SHOWER - 2 COMPACT FLOURESCENT

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 34910

ROOM/AREA DRESSING Rm #2

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures ☐
2. Reduce indoor lighting where illumination exceeds AEI recommended levels ☐
3. Increase daylighting ☐
4. Lower light fixtures ☐
5. Improve reflection and dispersion with light-colored ceiling and walls ☐

B. Improve lighting controls

1. Install occupancy controls to control lighting ☒
2. Install photocells to lighting near windows ☐
3. Install additional switches to control lighting arrangements ☐
4. Use time-clocks to shut off exterior building lights ☐

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps ☒
2. Replace incandescent lamps in exit sign fixtures with LED fixtures ☐
3. Replace incandescent lamps in exit signs with compact fluorescent lamps ☐
4. Replace standard fluorescent lamps with energy-conserving lamps ☒
5. Replace standard fluorescent ballasts with electronic ballasts ☒
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ☐
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ☐

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # D.R. #1

Area Description: DRESSING RM #2

Area Dimensions: 20 ft X 30 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: S.A. D.R. #2

Switching - Type: WALL No. _____

Accessibility to User: OK

Hours of Operation: 0530 - 1730

Lamp Model: S.A. D.R. #1 Ballast Model: S.A. D.R. #1

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>7</u>	<u>27</u>	<u>15</u>	_____

SAME CEILING HEIGHT / FIXTURE AS D.R. #2
 COULD NOT TELL WHERE LIGHTS ARE CONTROLLED FROM
 ALLOWE HAS 1 INCANDESCENT

LIGHTING SURVEY DATA SHEET

BLDG. # 134910

ROOM # _____

Area Description: D.R. #1 BATHROOM

Area Dimensions: 8.5 ft X 20 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: _____

Switching - Type: OLD. SENS No. 1

Accessibility to User: OK

Hours of Operation: 0530 - 1730

Lamp Model: SAME Ballast Model: SAME

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>3</u>	<u>35</u>	_____	_____

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 34910

ROOM/AREA DRESSING RM. #1 (Change Rm 1)

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures _____
2. Reduce indoor lighting where illumination exceeds AEI recommended levels _____
3. Increase daylighting _____
4. Lower light fixtures _____
5. Improve reflection and dispersion with light-colored ceiling and walls _____

B. Improve lighting controls

1. Install occupancy controls to control lighting ✓ _____
2. Install photocells to lighting near windows _____
3. Install additional switches to control lighting arrangements _____
4. Use time-clocks to shut off exterior building lights _____

NEED SW.
FOR DRESS
AREA

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps _____
2. Replace incandescent lamps in exit sign fixtures with LED fixtures _____
3. Replace incandescent lamps in exit signs with compact fluorescent lamps _____
4. Replace standard fluorescent lamps with energy-conserving lamps ✓ _____
5. Replace standard fluorescent ballasts with electronic ballasts ✓ _____
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ? _____
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. _____

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # PAINT SHOP

Area Description: PAINTING SHOP / BOOTH

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: INCAD. - PENDENT REFLECTOR 4' LONG

Switching - Type: WALL No. 2

Accessibility to User: OK

Hours of Operation: 0600-1700

Lamp Model: INCAD. - 300 W Ballast Model: NA

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>1</u>	<u>NA</u>	<u>8</u>	<u>31</u> NEAR WINDOW	<u>12</u> PAINT BOOTH	<u>3</u> STAIRS TO STORAGE

CEILING HEIGHT 31' 7" PAINT BOOTH - 200W INCANDESCENT - 6 FIXTURES
 FIXTURE HEIGHT 15' 11" SWITCHES - 1 FOR BOOTH AND EAST HALF - 1 FOR OTHER HALF
 PLANS TO ENCLOSE STORAGE AREA 3 RUBBS WERE OUT
 AND REFURBISH ENTIRE ROOM

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # PAINT OFFICE

Area Description: PAINT OFFICE

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: SURFACE WRAP AROUND

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: 0600-1700

Lamp Model: F40-CW Ballast Model: ADVANCE RM-2540-TP MARK

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>4</u>	<u>93</u>	<u>91</u>	<u>84</u>

CEILING ~ 9' 9"

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 34910

ROOM/AREA PAINT SHOP

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures ☐
2. Reduce indoor lighting where illumination exceeds AEI recommended levels ☐
3. Increase daylighting ☐
4. Lower light fixtures ☒
5. Improve reflection and dispersion with light-colored ceiling and walls ☐

B. Improve lighting controls

1. Install occupancy controls to control lighting ☒
2. Install photocells to lighting near windows ☐
3. Install additional switches to control lighting arrangements ☐
4. Use time-clocks to shut off exterior building lights ☐

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps ☐
2. Replace incandescent lamps in exit sign fixtures with LED fixtures ☐
3. Replace incandescent lamps in exit signs with compact fluorescent lamps ☐
4. Replace standard fluorescent lamps with energy-conserving lamps ☐
5. Replace standard fluorescent ballasts with electronic ballasts ☐
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ☐
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ☒

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 34910

ROOM/AREA SIGN SHOP

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures ☒
2. Reduce indoor lighting where illumination exceeds AEI recommended levels ☒
3. Increase daylighting ☐
4. Lower light fixtures ☐
5. Improve reflection and dispersion with light-colored ceiling and walls ☐

B. Improve lighting controls

1. Install occupancy controls to control lighting ☐
2. Install photocells to lighting near windows ☐
3. Install additional switches to control lighting arrangements ☐
4. Use time-clocks to shut off exterior building lights ☐

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps ☐
2. Replace incandescent lamps in exit sign fixtures with LED fixtures ☐
3. Replace incandescent lamps in exit signs with compact fluorescent lamps ☐
4. Replace standard fluorescent lamps with energy-conserving lamps ☒
5. Replace standard fluorescent ballasts with electronic ballasts ☒
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ☒
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ☐

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 34910

ROOM/AREA ENTOMOLOGY

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures ☐
2. Reduce indoor lighting where illumination exceeds AEI recommended levels ☒
3. Increase daylighting ☐
4. Lower light fixtures ☐
5. Improve reflection and dispersion with light-colored ceiling and walls ☐

B. Improve lighting controls

1. Install occupancy controls to control lighting ☒
2. Install photocells to lighting near windows ☐
3. Install additional switches to control lighting arrangements ☐
4. Use time-clocks to shut off exterior building lights ☐

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps ☐
2. Replace incandescent lamps in exit sign fixtures with LED fixtures ☐
3. Replace incandescent lamps in exit signs with compact fluorescent lamps ☐
4. Replace standard fluorescent lamps with energy-conserving lamps ☒
5. Replace standard fluorescent ballasts with electronic ballasts ☒
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ☐
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ☐

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 34910

ROOM/AREA PAINT OFFICE

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures ☒
2. Reduce indoor lighting where illumination exceeds AEI recommended levels ☒
3. Increase daylighting ☐
4. Lower light fixtures ☐
5. Improve reflection and dispersion with light-colored ceiling and walls ☐

B. Improve lighting controls

1. Install occupancy controls to control lighting ☒
2. Install photocells to lighting near windows ☐
3. Install additional switches to control lighting arrangements ☐
4. Use time-clocks to shut off exterior building lights ☐

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps ☐
2. Replace incandescent lamps in exit sign fixtures with LED fixtures ☐
3. Replace incandescent lamps in exit signs with compact fluorescent lamps ☐
4. Replace standard fluorescent lamps with energy-conserving lamps ☒
5. Replace standard fluorescent ballasts with electronic ballasts ☒
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ☒
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ☐

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 34910

ROOM/AREA T.R. #2

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures ☐
2. Reduce indoor lighting where illumination exceeds AEI recommended levels ☐
3. Increase daylighting ☐
4. Lower light fixtures ☐
5. Improve reflection and dispersion with light-colored ceiling and walls ☐

B. Improve lighting controls

1. Install occupancy controls to control lighting ☐
2. Install photocells to lighting near windows ☐
3. Install additional switches to control lighting arrangements ☐
4. Use time-clocks to shut off exterior building lights ☐

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps ☐
2. Replace incandescent lamps in exit sign fixtures with LED fixtures ☐
3. Replace incandescent lamps in exit signs with compact fluorescent lamps ☐
4. Replace standard fluorescent lamps with energy-conserving lamps ☒
5. Replace standard fluorescent ballasts with electronic ballasts ☒
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ☐
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ☐

LIGHTING SURVEY DATA SHEET

BLDG. # 34910 ROOM # SIGN SHOP

Area Description: SIGN CONSTRUCTION AREA

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: 4 ROWS END TO END ft X _____ ft. (center-to-center)

Fixture Type: SURFACE WRAP AROUND

Switching - Type: WALL No. 4

Accessibility to User: OK

Hours of Operation: 0600 - 1700

Lamp Model: F40-CW Ballast Model: ADVANCE RM-2540-TP MARK II

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>22</u>	<u>107</u>	<u>91</u>	<u>36</u>

4 ROWS LIGHTS - 1 SWITCH EACH ROW
 CEILING HEIGHT - 9'9"
 USER NEEDS INTENSE LIGHTING TO WORK WITH VINYL
 6 FIXTURE ON OUTER 1 ROWS
 INNER HAS 6 FIX. 1 HAS 4 FIXTURES - ROWS 2 6 FT APART

LIGHTING SURVEY DATA SHEET

BLDG. # 34910 ROOM # ENTOMOLOGY

Area Description: OFFICE

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: INDUSTRIAL REFLECTOR CLOSED APERTURE

Switching - Type: WALL No. 2

Accessibility to User: OK

Hours of Operation: 0600 - 1700

Lamp Model: F96 T12-CW 75W Ballast Model: STANDARD

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>2</u>	<u>75</u>	<u>69</u>	<u>32</u> - COMP. DESK

1 SWITCH FOR EACH FIXTURE
 CEILING HEIGHT - 9'9"

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # PM CONF

Area Description: PREVENTIVE MAINT. CONF. ROOM

Area Dimensions: 13 ft X 16 ft.

Fixture Grid: 2 ft X 4 ft. (center-to-center)

Fixture Type: 2x4 RECESSED / ACRYLIC LENS

Switching - Type: WALL No. 1 - HAS DIMMING SWITCH BUT NOT CONNECTED

Accessibility to User: OK

Hours of Operation: 0600 - 1700

Lamp Model: F40 - CW

Ballast Model: MAGNETEC 446-LR-TL-P

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>4</u>	<u>66</u>	<u>67</u>	<u> </u>

* LIGHT FIXTURES ARE THE SAME
FOR ALL PM ROOMS

* PM AND WORK ORDER OFFICES
ARE CLOSED ON FRIDAYS

8' CEILINGS IN ALL OFFICES

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # PM HALL

Area Description: PREV. MAINT HALL

Area Dimensions: 6 ft X 16 ft.

Fixture Grid: ft X ft. (center-to-center)

Fixture Type:

Switching - Type: WALL No. 2 - 1 ON EACH END

Accessibility to User: OK

Hours of Operation: 0600 - 1700

Lamp Model:

Ballast Model:

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>2</u>	<u>65</u>	<u>75</u>	<u> </u>

HALL LIGHT CAN BE REDUCED SIGNIF.

- LIGHTS WERE OFF WHEN WE ENTERED - OCCUPANCY SENSOR COULD DEFINITELY
BE USED

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 34910

ROOM/AREA PM OFFICES

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures ☒
2. Reduce indoor lighting where illumination exceeds AEI recommended levels ☐
3. Increase daylighting ☐
4. Lower light fixtures ☐
5. Improve reflection and dispersion with light-colored ceiling and walls ☐

B. Improve lighting controls

1. Install occupancy controls to control lighting ☒
2. Install photocells to lighting near windows ☐
3. Install additional switches to control lighting arrangements ☐
4. Use time-clocks to shut off exterior building lights ☐

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps ☐
2. Replace incandescent lamps in exit sign fixtures with LED fixtures ☐
3. Replace incandescent lamps in exit signs with compact fluorescent lamps ☐
4. Replace standard fluorescent lamps with energy-conserving lamps ☒
5. Replace standard fluorescent ballasts with electronic ballasts ☒
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ☐
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ☐

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # PM OFFICE 1

Area Description: PM OFFICE #1

Area Dimensions: 11 ft X 16 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: _____

Switching - Type: WALL No. 1

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>4</u>	<u>87</u>	<u>73</u>	—

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # PM OFFICE #2

Area Description: OFFICE #2

Area Dimensions: 11 ft X 16 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: _____

Switching - Type: WALL No. 1

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>4</u>	<u>97</u>	<u>83</u>	—

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # PM OFFICE #3

Area Description: OFFICE #3
 Area Dimensions: 11 1/2 ft X 15 ft.
 Fixture Grid: _____ ft X _____ ft. (center-to-center)
 Fixture Type: _____
 Switching - Type: _____ No. _____
 Accessibility to User: _____
 Hours of Operation: _____
 Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>4</u>	<u>77</u>	<u>72</u>	<u> </u>

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # W.D. CENTRAL

Area Description: WORK ORDER CENTRAL AREA
 Area Dimensions: 25 ft X 27 ft. + 8'
 Fixture Grid: _____ ft X _____ ft. (center-to-center)
 Fixture Type: HANGING WRAP AROUND
 Switching - Type: WALL No. 2
 Accessibility to User: OK
 Hours of Operation: _____
 Lamp Model: SAME AS SIGN ROOM Ballast Model: SAME AS SIGN

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>8</u>	<u>35</u>	<u>35</u>	<u>42</u>

CEILING - 11' 6"
 FIXTURE - 9' 6"
 EXIT SIGN - 2 25W INCLAD,

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 34910

ROOM/AREA Work ORDER - CENTRAL HALL

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures ☐
2. Reduce indoor lighting where illumination exceeds AEI recommended levels ☐
3. Increase daylighting ☐
4. Lower light fixtures ☐
5. Improve reflection and dispersion with light-colored ceiling and walls ☐

B. Improve lighting controls

1. Install occupancy controls to control lighting ☒
2. Install photocells to lighting near windows ☐
3. Install additional switches to control lighting arrangements ☐
4. Use time-clocks to shut off exterior building lights ☐

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps ☐
2. Replace incandescent lamps in exit sign fixtures with LED fixtures ☐
3. Replace incandescent lamps in exit signs with compact fluorescent lamps ☒
4. Replace standard fluorescent lamps with energy-conserving lamps ☒
5. Replace standard fluorescent ballasts with electronic ballasts ☒
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ☐
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ☐

LIGHTING SURVEY DATA SHEET

BLDG. # 34910 ROOM # W.O. #1

Area Description: W.O. OFFICE #1

Area Dimensions: 10 ft X 10 ft.

Fixture Grid: 2 ft X 4 ft. (center-to-center)

Fixture Type: RECESSED ACRYLIC LENS

Switching - Type: OCCUP. SENS No. 1

Accessibility to User: OK

Hours of Operation: 0630-1700

Lamp Model: F40-CW Ballast Model: SAME AS PM OFFICE

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>2</u>	<u>35</u>	<u> </u>	<u> </u>

CEILING - 8'

LIGHTING SURVEY DATA SHEET

BLDG. # 34910 ROOM # W.O. #2

Area Description: W.O. OFFICE #2

Area Dimensions: ft X ft.

Fixture Grid: ft X ft. (center-to-center)

Fixture Type:

Switching - Type: No.

Accessibility to User:

Hours of Operation:

Lamp Model: Ballast Model:

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

ALL DATA IS THE SAME AS W.O. #1

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 34910

ROOM/AREA W.O. OFFICES 1,2,3

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures ☐
2. Reduce indoor lighting where illumination exceeds AEI recommended levels ☐
3. Increase daylighting ☐
4. Lower light fixtures ☐
5. Improve reflection and dispersion with light-colored ceiling and walls ☐

B. Improve lighting controls

1. Install occupancy controls to control lighting ☐
2. Install photocells to lighting near windows ☐
3. Install additional switches to control lighting arrangements ☐
4. Use time-clocks to shut off exterior building lights ☐

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps ☐
2. Replace incandescent lamps in exit sign fixtures with LED fixtures ☐
3. Replace incandescent lamps in exit signs with compact fluorescent lamps ☐
4. Replace standard fluorescent lamps with energy-conserving lamps ☒
5. Replace standard fluorescent ballasts with electronic ballasts ☒
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ☐
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ☐

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # W.O. Hall

Area Description: W.O. Hall

Area Dimensions: 3.5 ft X 10 ft.

Fixture Grid: 1 ft X 4 ft. (center-to-center)

Fixture Type: SURFACE WRAP AROUND / ACRYLIC LENS

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: 0630-1700

Lamp Model: SAME AS OFFICES

Ballast Model: SAME

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>1</u>	<u>37</u>	<u>—</u>	<u>—</u>

CEILING - 8'6"

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # W.O. #3

Area Description: WORK ORDER OFFICE #3

Area Dimensions: 10 ft X 18 ft.

Fixture Grid: 2 ft X 4 ft. (center-to-center)

Fixture Type: SAME AS OTHER OFFICES

Switching - Type: OCCUP. SENS No. 1

Accessibility to User: OK

Hours of Operation: 0630-1700

Lamp Model: SAME

Ballast Model: SAME

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>4</u>	<u>43</u>	<u>—</u>	<u>—</u>

CEILING - 8'

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # W.O. COPY

Area Description: WORK ORDER COPY ROOM

Area Dimensions: 16.5 ft X 12.5 ft.

Fixture Grid: 2 ft X 4 ft. (center-to-center)

Fixture Type: SAME AS PM OFFICE

Switching - Type: ONUP SENS No. 1

Accessibility to User: OK

Hours of Operation: 0630-1700

Lamp Model: S.A. PM OFFICE

Ballast Model: S.A. PM OFFICE

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>2</u>	<u>56</u>	<u>41</u>	<u> </u>

CEILING 8'6"

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # W.O. STORAGE

Area Description: WORK ORDER STORAGE ROOM

Area Dimensions: 16 ft X 8 ft.

Fixture Grid: ft X ft. (center-to-center)

Fixture Type: INDUSTRIAL SURFACE 1x8

Switching - Type: ONUP SENS No. 1

Accessibility to User: OK

Hours of Operation: N/A

Lamp Model: F96 T-12 EW

Ballast Model: STD

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>1</u>	<u>32</u>	<u> </u>	<u> </u>

CEILING - 10'

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 34910

ROOM/AREA COPY ROOM - W.O.

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures ☒
2. Reduce indoor lighting where illumination exceeds AEI recommended levels ☐
3. Increase daylighting ☐
4. Lower light fixtures ☐
5. Improve reflection and dispersion with light-colored ceiling and walls ☐

B. Improve lighting controls

1. Install occupancy controls to control lighting ☐
2. Install photocells to lighting near windows ☐
3. Install additional switches to control lighting arrangements ☐
4. Use time-clocks to shut off exterior building lights ☐

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps ☐
2. Replace incandescent lamps in exit sign fixtures with LED fixtures ☐
3. Replace incandescent lamps in exit signs with compact fluorescent lamps ☐
4. Replace standard fluorescent lamps with energy-conserving lamps ☒
5. Replace standard fluorescent ballasts with electronic ballasts ☒
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ☐
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ☐

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # W.O. BREAK RA.

Area Description: WORK ORDER BREAKRM

Area Dimensions: 19 ft X 15 ft.

Fixture Grid: 2 ft X 4 ft. (center-to-center)

Fixture Type: RECESSED

Switching - Type: WALL No. 2 - 1 AT EACH DOOR - DINNER NOT COUNTED

Accessibility to User: OK

Hours of Operation: 0600-1700

Lamp Model: F40-CW

Ballast Model: SAME AS PM OFFICES

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>6</u>	<u>128</u>	<u>120</u>	<u>120</u>

CEILING - 8'

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # W.O. SECRETARY

Area Description: WORK ORDER SECRETARY AREA

Area Dimensions: 14 ft X 35.5 ft. + ALLOTT = 7 X 16

Fixture Grid: 6 ft X 8 ft. (center-to-center)

Fixture Type: SAME AS P.M.

Switching - Type: WALL No. 3 - 1 AT EACH DOOR

Accessibility to User: OK

Hours of Operation: 0630-1700

Lamp Model: SAME AS PM OFFICES

Ballast Model: S.A. PM OFFICES

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>10</u>	<u>95</u>	<u>90</u>	<u>50</u>

DESK

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 34910

ROOM/AREA W.D. BREAK RM

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures ☒
2. Reduce indoor lighting where illumination exceeds AEI recommended levels ☒
3. Increase daylighting ☐
4. Lower light fixtures ☐
5. Improve reflection and dispersion with light-colored ceiling and walls ☐

B. Improve lighting controls

1. Install occupancy controls to control lighting ☒
2. Install photocells to lighting near windows ☐
3. Install additional switches to control lighting arrangements ☐
4. Use time-clocks to shut off exterior building lights ☐

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps ☐
2. Replace incandescent lamps in exit sign fixtures with LED fixtures ☐
3. Replace incandescent lamps in exit signs with compact fluorescent lamps ☐
4. Replace standard fluorescent lamps with energy-conserving lamps ☒
5. Replace standard fluorescent ballasts with electronic ballasts ☒
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ☐
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ☐

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 34910

ROOM/AREA W.O. SECRETARY

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures ☒
2. Reduce indoor lighting where illumination exceeds AEI recommended levels ☒
3. Increase daylighting ☐
4. Lower light fixtures ☐
5. Improve reflection and dispersion with light-colored ceiling and walls ☐

B. Improve lighting controls

1. Install occupancy controls to control lighting ☒
2. Install photocells to lighting near windows ☐
3. Install additional switches to control lighting arrangements ☐
4. Use time-clocks to shut off exterior building lights ☐

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps ☐
2. Replace incandescent lamps in exit sign fixtures with LED fixtures ☐
3. Replace incandescent lamps in exit signs with compact fluorescent lamps ☐
4. Replace standard fluorescent lamps with energy-conserving lamps ☒
5. Replace standard fluorescent ballasts with electronic ballasts ☒
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ☐
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ☐

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # MICROFILM READING

Area Description: WORK ORDER - MICROFILM

Area Dimensions: 19.5 ft X 14.5 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 2x4 RECESSED ACRYLIC

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: 0630-1700

Lamp Model: SAME AS OFFICE

Ballast Model: SAME AS OFFICE

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>6</u>	<u>34</u>	<u>24</u>	—

CEILING - 8'

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # MICRO. STORAGE

Area Description: MICROFILM STORAGE AREA

Area Dimensions: 10.5 ft X 14.5 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: SAME AS OFFICE

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: 0630-1700

Lamp Model: SAME AS OFFICE

Ballast Model: SAME AS OFFICE

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>2</u>	—	—	—

CEILING 8'

LIGHTS NORMALLY OFF

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 34910

ROOM/AREA MICRO, READING / STORAGE

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures _____
2. Reduce indoor lighting where illumination exceeds AEI recommended levels _____
3. Increase daylighting _____
4. Lower light fixtures _____
5. Improve reflection and dispersion with light-colored ceiling and walls _____

B. Improve lighting controls

1. Install occupancy controls to control lighting _____✓
2. Install photocells to lighting near windows _____
3. Install additional switches to control lighting arrangements _____
4. Use time-clocks to shut off exterior building lights _____

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps _____
2. Replace incandescent lamps in exit sign fixtures with LED fixtures _____
3. Replace incandescent lamps in exit signs with compact fluorescent lamps _____
4. Replace standard fluorescent lamps with energy-conserving lamps _____✓
5. Replace standard fluorescent ballasts with electronic ballasts _____✓
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps _____?
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. _____

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # UTILITY
GEN. BREAK
ROOM

Area Description: GENERAL AREA BREAK ROOM

Area Dimensions: 14 ft X 12 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: SURFACE WRAD AROUND

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: 0615 - 1745 6 DAYS

Lamp Model: SAME AS SIGN ROOM Ballast Model: S.A. SIGN ROOM

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>4</u>	<u>52</u>	<u>78</u>	_____

CEILING - 8'

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # UTILITY
BREAK ROOM
KITCHEN

Area Description: UTILITIES BREAK ROOM KITCHEN

Area Dimensions: 5.5 ft X 12 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: SURFACE CASPET ALUMIN 1x4

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: 0615 - 1745 6 DAYS

Lamp Model: STD. Ballast Model: STD

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>2</u>	<u>56</u>	<u>41</u>	_____

CEILING - 8'

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 34910

ROOM/AREA UTILITIES AREA

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures ☒
2. Reduce indoor lighting where illumination exceeds AEI recommended levels ☒
3. Increase daylighting ☐
4. Lower light fixtures ☐
5. Improve reflection and dispersion with light-colored ceiling and walls ☐

B. Improve lighting controls

1. Install occupancy controls to control lighting ☒
2. Install photocells to lighting near windows ☐
3. Install additional switches to control lighting arrangements ☐
4. Use time-clocks to shut off exterior building lights ☐

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps ☐
2. Replace incandescent lamps in exit sign fixtures with LED fixtures ☐
3. Replace incandescent lamps in exit signs with compact fluorescent lamps ☐
4. Replace standard fluorescent lamps with energy-conserving lamps ☒
5. Replace standard fluorescent ballasts with electronic ballasts ☒
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ☐
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ☐

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # OFFICE

Area Description: UTILITIES AREA OFFICE

Area Dimensions: 8 ft X 12 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: SAME AS KITCHEN

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: 0615 - 1745 6 DAYS

Lamp Model: STD Ballast Model: STD

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>2</u>	<u>39</u>	<u>53</u>	<u> </u>

CEILING - 8'

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # Wm. Room

Area Description: WOMENS LOUVER / RESTROOM

Area Dimensions: 11 ft X 50 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: SAME AS CHANGE ROOM #2

Switching - Type: ONUP SENS No. 2

Accessibility to User: OK

Hours of Operation: 0630 - 1730

Lamp Model: S.A. CHANGE ROOM Ballast Model: S.A. CHANGE RM #2

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>10</u>	<u>31</u>	<u>52</u>	<u> </u>

2

2 INCANDESCENT IN SHOWER

CEILING - 11' 6"

FIXTURE 8' 3"

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # D.R. #2

Area Description: D.R. #1 SHOWER / HEAD

Area Dimensions: 8 ft X 20 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: COMPACT FLUORESCENT

Switching - Type: OWA SENS No. 1

Accessibility to User: OK

Hours of Operation: 0530-1730

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>1</u>	_____	<u>2</u>	<u>30</u>	_____	_____

IN SHOWER

1 - 2X4 IN HEAD AREA - SAME AS OTHERS

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # D.R. #1
HALL

Area Description: ENTRANCE HALL FOR D.R. #1

Area Dimensions: 4' ft X 30 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: INDUSTRIAL OPEN APERTURE 1'x8' SURFACE MOUNT

Switching - Type: OWA SENS No. 1

Accessibility to User: OK

Hours of Operation: 0630-1730

Lamp Model: F40-LW Ballast Model: STD

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>1</u>	<u>25</u>	_____	_____

CEILING - 11'6"

COULD CHANGE 8' TO 2 4' AND MOUNT AT OPPOSITE ENDS OF HALL

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # _____

Area Description: GROUND + MAINT OFFICE

Area Dimensions: 12 ft X 24.5 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: S.A. S12W

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: 0615-1745

Lamp Model: S.A. S12W Room

Ballast Model: SAME

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>4</u>	<u>92</u> ↑ DESK	<u>33</u>	_____

1 FIXTURE ABOVE DESK IS INDUSTRIAL CLOSED APERTURE

HAS WINDOW UNIT AC

HAS WALL ELEC HEATER

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # _____

Area Description: REFRIGERATION SHOP

Area Dimensions: 38 ft X 48 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: INDUSTRIAL SUSPENDED

Switching - Type: WALL No. 2

Accessibility to User: OK

Hours of Operation: 0615-1745

Lamp Model: F96 T-12 CW/EW 60W

Ballast Model: STD

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>8</u>	<u>65</u> ↑ DESK	<u>42</u>	_____

FIXTURE - 11'6"

CEILING - 13'7"

LAMP OVER DESK - 9'

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 34910

ROOM/AREA GRANDS MGMT. OFFICE

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures ☒
2. Reduce indoor lighting where illumination exceeds AEI recommended levels ☒
3. Increase daylighting ☐
4. Lower light fixtures ☐
5. Improve reflection and dispersion with light-colored ceiling and walls ☐

B. Improve lighting controls

1. Install occupancy controls to control lighting ☒
2. Install photocells to lighting near windows ☐
3. Install additional switches to control lighting arrangements ☐
4. Use time-clocks to shut off exterior building lights ☐

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps ☐
2. Replace incandescent lamps in exit sign fixtures with LED fixtures ☐
3. Replace incandescent lamps in exit signs with compact fluorescent lamps ☐
4. Replace standard fluorescent lamps with energy-conserving lamps ☒
5. Replace standard fluorescent ballasts with electronic ballasts ☒
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ☒
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ☐

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # _____

Area Description: REFRIGERATION SHOP HALL

Area Dimensions: 17.5 ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: _____

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: 0615-1745

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>2 1/2</u>	<u>30</u>	<u>40</u>	<u>62</u> ↑ WORK BENCH

FIXTURES - 2 ARE INDUSTRIAL 1'x8' LIFE SHOP - 11'6" HEIGHT
 ADDERS 1 WAS REPLACED WITH 2 4'x4' CASPET - 4 LAMP
 ADDITIONAL 8' FIXTURE ABOVE WORK BENCH - 1 1/2'x8' INDUSTRIAL REF.
 CLOSED APERTURE - SAME LAMP
 SEPARATE WALL SWITCH
 HEIGHT - 9 1/2'

* AREA UP STAIRS IS STORAGE AREA ONLY LIGHTS ARE OPEN BAY

* TYPE

* LIGHTS ARE OFF

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # _____

Area Description: ELECTRIC SHOP BREAK ROOM

Area Dimensions: 19.5 ft X 24 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: SEE BELOW

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: 0615-1745

Lamp Model: SEE NOTES Ballast Model: STD

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
_____	_____	<u>6</u>	<u>89</u> ↑ UNDEF 8'	<u>39</u>	_____

3 - 2 LAMP INDUS. 1 1/2'x4' - F40 CW 1-BALLAST
 1 - 3 LAMP F40-CW 2-BALLAST
 2 - 1 1/2'x8' - F46 T-12 2 LAMPS - INDUS. OPEN APERTURE
 } ALL SUSPENDED 8' H144

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 34910

ROOM/AREA REFRIGERATION SHOP HALL

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures ☐
2. Reduce indoor lighting where illumination exceeds AEI recommended levels ☐
3. Increase daylighting ☐
4. Lower light fixtures ☐
5. Improve reflection and dispersion with light-colored ceiling and walls ☐

B. Improve lighting controls

1. Install occupancy controls to control lighting ☒
2. Install photocells to lighting near windows ☐
3. Install additional switches to control lighting arrangements ☐
4. Use time-clocks to shut off exterior building lights ☐

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps ☐
2. Replace incandescent lamps in exit sign fixtures with LED fixtures ☐
3. Replace incandescent lamps in exit signs with compact fluorescent lamps ☐
4. Replace standard fluorescent lamps with energy-conserving lamps ☒
5. Replace standard fluorescent ballasts with electronic ballasts ☒
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ☒
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ☐

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 34910

ROOM/AREA ELEC SHED - BREAK ROOM

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures ☒
2. Reduce indoor lighting where illumination exceeds AEI recommended levels ☒
3. Increase daylighting ☐
4. Lower light fixtures ☐
5. Improve reflection and dispersion with light-colored ceiling and walls ☐

B. Improve lighting controls

1. Install occupancy controls to control lighting ☒
2. Install photocells to lighting near windows ☐
3. Install additional switches to control lighting arrangements ☐
4. Use time-clocks to shut off exterior building lights ☐

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps ☐
2. Replace incandescent lamps in exit sign fixtures with LED fixtures ☐
3. Replace incandescent lamps in exit signs with compact fluorescent lamps ☐
4. Replace standard fluorescent lamps with energy-conserving lamps ☒
5. Replace standard fluorescent ballasts with electronic ballasts ☒
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ☒
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ☐

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # _____

Area Description: ELEC. SHOP WORK AREA

Area Dimensions: SEE DRAWINGS ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: _____

Switching - Type: WALL No. 2

Accessibility to User: OK

Hours of Operation: 0615-1745

Lamp Model: F40-CW

Ballast Model: STD

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>1</u>	<u>7</u>	<u>24</u>	<u>31</u>	<u>16</u>

6 - 2 LAMP
1 - 3 LAMP - 2 BALLAST
FIXTURE HEIGHT - 8'
CEILING - 9.5'

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # _____

Area Description: ELEC SHOP OFFICE #1

Area Dimensions: 13 ft X 74.518 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: _____

Switching - Type: WALL No. 2

Accessibility to User: NOT GOOD - SWITCHES ARE OUTSIDE ROOM AND CONTROLLED BY SWITCH IN DIFFERENT AREAS

Hours of Operation: 0615-1745

Lamp Model: _____

Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
		<u>4</u>	<u>35</u> <u>32</u>	<u>41</u>	<u>38</u>
			↑ ↑ 2 LAMP FIX	4 LAMP	3 LAMP

2 - 2 LAMP 1 1/2' x 4' CLOSED APERTURE - STD LAMP / BALLAST } ALL FIXTURES
1 - 3 LAMP 1 1/2' x 4' " " " " " " 2 BALLAST } SUSPENDED
1 - 4 LAMP 1 1/2' x 4' " " " " " " " " 8'

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 34910

ROOM/AREA ELEC ROOM - WORK AREA

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures ☒
2. Reduce indoor lighting where illumination exceeds AEI recommended levels ☒
3. Increase daylighting ☐
4. Lower light fixtures ☐
5. Improve reflection and dispersion with light-colored ceiling and walls ☐

B. Improve lighting controls

1. Install occupancy controls to control lighting ☒
2. Install photocells to lighting near windows ☐
3. Install additional switches to control lighting arrangements ☐
4. Use time-clocks to shut off exterior building lights ☐

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps ☐
2. Replace incandescent lamps in exit sign fixtures with LED fixtures ☐
3. Replace incandescent lamps in exit signs with compact fluorescent lamps ☐
4. Replace standard fluorescent lamps with energy-conserving lamps ☒
5. Replace standard fluorescent ballasts with electronic ballasts ☒
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ☒
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ☐

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 34910

ROOM/AREA ELEC. SHOP OFFICE #1

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures ☐
2. Reduce indoor lighting where illumination exceeds AEI recommended levels ☐
3. Increase daylighting ☐
4. Lower light fixtures ☐
5. Improve reflection and dispersion with light-colored ceiling and walls ☐

B. Improve lighting controls

1. Install occupancy controls to control lighting ☒
2. Install photocells to lighting near windows ☐
3. Install additional switches to control lighting arrangements ☐
4. Use time-clocks to shut off exterior building lights ☐

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps ☐
2. Replace incandescent lamps in exit sign fixtures with LED fixtures ☐
3. Replace incandescent lamps in exit signs with compact fluorescent lamps ☐
4. Replace standard fluorescent lamps with energy-conserving lamps ☒
5. Replace standard fluorescent ballasts with electronic ballasts ☒
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ☒
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ☐

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # _____

Area Description: ELEC SHOP SMALL PARTS STORAGE

Area Dimensions: 9 ft X 17 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: INDUSTRIAL 1 1/2' x 4' SUSPENDED

Switching - Type: WALL No. 1

Accessibility to User: NOT GOOD -

Hours of Operation: _____

Lamp Model: F40-CW

Ballast Model: STD

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>2</u>	<u>43</u>	—	—

FIXTURE HEIGHT - 8'

LIGHTS ARE ON SAME SWITCH AS OFFICES - NEED TO DN SEPERATE SWITCH

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # _____

Area Description: ELEC. SHOP - 2ND FLOOR STORAGE

Area Dimensions: FROM DRAWING ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: _____

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: NORMALLY UNOCCUPIED

Lamp Model: _____

Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
—	—	<u>9</u>	<u>31</u>	<u>20</u>	—

not
calculated

6- 2'x4' - INDUS. STD LAMP/BALLAST 4 LAMP
2- 3 LAMP INDUS. CLOSED APERTURE
1- 2 LAMP

ALL SUSPENDED
FIXTURE - 12.5'

* LIGHTS NORMALLY OFF

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 34910

ROOM/AREA Elec, Shop Small Parts Storage

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures ☒
2. Reduce indoor lighting where illumination exceeds AEI recommended levels ☒
3. Increase daylighting ☐
4. Lower light fixtures ☐
5. Improve reflection and dispersion with light-colored ceiling and walls ☐

B. Improve lighting controls

1. Install occupancy controls to control lighting ☒
2. Install photocells to lighting near windows ☐
3. Install additional switches to control lighting arrangements ☒
4. Use time-clocks to shut off exterior building lights ☐

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps ☐
2. Replace incandescent lamps in exit sign fixtures with LED fixtures ☐
3. Replace incandescent lamps in exit signs with compact fluorescent lamps ☐
4. Replace standard fluorescent lamps with energy-conserving lamps ☒
5. Replace standard fluorescent ballasts with electronic ballasts ☒
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ☒
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ☐

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 34910

ROOM/AREA ELER Room STORAGE

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures ☐
2. Reduce indoor lighting where illumination exceeds AEI recommended levels ☐
3. Increase daylighting ☐
4. Lower light fixtures ☒
5. Improve reflection and dispersion with light-colored ceiling and walls ☐

B. Improve lighting controls

1. Install occupancy controls to control lighting ☐
2. Install photocells to lighting near windows ☐
3. Install additional switches to control lighting arrangements ☐
4. Use time-clocks to shut off exterior building lights ☐

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps ☐
2. Replace incandescent lamps in exit sign fixtures with LED fixtures ☐
3. Replace incandescent lamps in exit signs with compact fluorescent lamps ☐
4. Replace standard fluorescent lamps with energy-conserving lamps ☒
5. Replace standard fluorescent ballasts with electronic ballasts ☒
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ☒
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ☐

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # _____

Area Description: LOCKSMITH

Area Dimensions: 8 ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: _____

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: 0615-1745

Lamp Model: _____

Ballast Model: ADVANCE RDM 2S40-3-TP
(2) 34W LAMPS

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
_____	_____	<u>8</u>	<u>109</u>	<u>80</u>	_____
			DESK	WORK BENCH	

3 - 2'x4' INDUSTRIAL CLOSED APERTURE HEIGHT - 9' STD LAMP/BALLAST 4 LAMP
2 - 2'x4' 3 LAMP - F40 CW/WM - 34W 2 BALLAST } 8' SUSPENDED
3 - 2'x4' 2 LAMP - F40 CW/WM - 34W 1 BALLAST } INDUSTRIAL CLOSED APERTURE

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # _____

Area Description: INST. SHOP BREAK ROOM

Area Dimensions: 18 ft X 16.5 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 2'x4' SUSPENDED

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: 0615-1745

Lamp Model: F40-CW

Ballast Model: STD

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>3</u>	<u>56</u>	<u>42</u>	_____

FIXTURE HEIGHT - 8'

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 34910

ROOM/AREA LOCKSMITH

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures ✓
2. Reduce indoor lighting where illumination exceeds AEI recommended levels ?
3. Increase daylighting
4. Lower light fixtures
5. Improve reflection and dispersion with light-colored ceiling and walls

B. Improve lighting controls

1. Install occupancy controls to control lighting ✓
2. Install photocells to lighting near windows
3. Install additional switches to control lighting arrangements
4. Use time-clocks to shut off exterior building lights

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps
2. Replace incandescent lamps in exit sign fixtures with LED fixtures
3. Replace incandescent lamps in exit signs with compact fluorescent lamps
4. Replace standard fluorescent lamps with energy-conserving lamps ✓
5. Replace standard fluorescent ballasts with electronic ballasts ✓
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ✓
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc.

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 34910

ROOM/AREA INST. WORK AREA / ENTRANCE / BREAK

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures ☐
2. Reduce indoor lighting where illumination exceeds AEI recommended levels ☐
3. Increase daylighting ☐
4. Lower light fixtures ☐
5. Improve reflection and dispersion with light-colored ceiling and walls ☐

B. Improve lighting controls

1. Install occupancy controls to control lighting ☒
2. Install photocells to lighting near windows ☐
3. Install additional switches to control lighting arrangements ☐
4. Use time-clocks to shut off exterior building lights ☐

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps ☐
2. Replace incandescent lamps in exit sign fixtures with LED fixtures ☐
3. Replace incandescent lamps in exit signs with compact fluorescent lamps ☐
4. Replace standard fluorescent lamps with energy-conserving lamps ☒
5. Replace standard fluorescent ballasts with electronic ballasts ☒
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ☒
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ☐

* IN BREAK ROOM + ENTRANCE

LIGHTING SURVEY DATA SHEET

BLDG. # 34910 ROOM # _____

Area Description: INST SHOP - NORTH AREA

Area Dimensions: 18.5 ft X 15.5 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: SAME AS BREAK RM

Switching - Type: OCUP. SENS. No. 1

Accessibility to User: OK

Hours of Operation: 0615-1745

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>3</u>	<u>44</u>	_____	_____

FIXTURE HEIGHT - 44

LIGHTING SURVEY DATA SHEET

BLDG. # 34910 ROOM # _____

Area Description: INST SHOP - ENTRANCE AREA

Area Dimensions: 19.20 ft X 15.19 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: SAME AS BREAK RM

Switching - Type: WALL No. 1

Accessibility to User: _____

Hours of Operation: 0615-1730

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>3</u>	<u>30</u>	<u>50</u>	_____

WALL SWITCH CONTROLS OFFICE ALSO

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # _____

Area Description: INST. SHOP OFFICE

Area Dimensions: 12 ft X 18.5 ft

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: RECESSED 2'X4' ACRYLIC LENS

Switching - Type: WALL No. 1

Accessibility to User: NOT GOOD

Hours of Operation: 0615 - 1730

Lamp Model: F40-CW

Ballast Model: STD

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>4</u>	<u>115</u>	_____	_____

LIGHT SWITCH - IN ENTRANCE AREA - CONTROLS ENTRANCE ALSO
CEILING - 8'

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # _____

Area Description: WASH AREA

Area Dimensions: 11 ft X 16 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: SAME AS INST. SHOP

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: 0600 - 1730

Lamp Model: _____

Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>2</u>	<u>30</u>	<u>43</u>	_____

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 34910

ROOM/AREA INST. Room OFFICE

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures ☒
2. Reduce indoor lighting where illumination exceeds AEI recommended levels ☒
3. Increase daylighting ☐
4. Lower light fixtures ☐
5. Improve reflection and dispersion with light-colored ceiling and walls ☐

B. Improve lighting controls

1. Install occupancy controls to control lighting ☒
2. Install photocells to lighting near windows ☐
3. Install additional switches to control lighting arrangements ☐
4. Use time-clocks to shut off exterior building lights ☐

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps ☐
2. Replace incandescent lamps in exit sign fixtures with LED fixtures ☐
3. Replace incandescent lamps in exit signs with compact fluorescent lamps ☐
4. Replace standard fluorescent lamps with energy-conserving lamps ☒
5. Replace standard fluorescent ballasts with electronic ballasts ☒
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ☐
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ☐

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 34910

ROOM/AREA 1 WASH AREA

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures ☐
2. Reduce indoor lighting where illumination exceeds AEI recommended levels ☐
3. Increase daylighting ☐
4. Lower light fixtures ☐
5. Improve reflection and dispersion with light-colored ceiling and walls ☐

B. Improve lighting controls

1. Install occupancy controls to control lighting ☒
2. Install photocells to lighting near windows ☐
3. Install additional switches to control lighting arrangements ☐
4. Use time-clocks to shut off exterior building lights ☐

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps ☐
2. Replace incandescent lamps in exit sign fixtures with LED fixtures ☐
3. Replace incandescent lamps in exit signs with compact fluorescent lamps ☐
4. Replace standard fluorescent lamps with energy-conserving lamps ☒
5. Replace standard fluorescent ballasts with electronic ballasts ☒
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ☒
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ☐

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # _____

Area Description: MILLWRIGHT ENTRANCE AREA

Area Dimensions: 11 ft X 49.5 ft. + 18' x 21.5'

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 8' INDUSTRIAL SURFACE MOUNT CLOSED APETURE

Switching - Type: WALL No. 2

Accessibility to User: OK

Hours of Operation: 0615 - 1730

Lamp Model: F96 T-12 CW-EW

Ballast Model: STD

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
		<u>7</u>	<u>50</u>	<u>96</u>	<u>102</u>

4 - 4 LAMP 2 BALLAST
3 - 2 LAMP 1 BALLAST
HEIGHT - 9'

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # _____

Area Description: MILLWRIGHT OFFICE

Area Dimensions: 12 ft X 17.5 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: SURFACE MOUNT INDUS. CLOSED APERT 4'

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: 0615 - 1730

Lamp Model: F40-CW-

Ballast Model: STD

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>4</u>	<u>47</u>	<u>55</u>	

CEILING - 10'

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 34910

ROOM/AREA MILLWRIGHT ENTRANCE

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures ☒
2. Reduce indoor lighting where illumination exceeds AEI recommended levels ☒
3. Increase daylighting ☐
4. Lower light fixtures ☐
5. Improve reflection and dispersion with light-colored ceiling and walls ☐

B. Improve lighting controls

1. Install occupancy controls to control lighting ☒
2. Install photocells to lighting near windows ☐
3. Install additional switches to control lighting arrangements ☐
4. Use time-clocks to shut off exterior building lights ☐

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps ☐
2. Replace incandescent lamps in exit sign fixtures with LED fixtures ☐
3. Replace incandescent lamps in exit signs with compact fluorescent lamps ☐
4. Replace standard fluorescent lamps with energy-conserving lamps ☒
5. Replace standard fluorescent ballasts with electronic ballasts ☒
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ☒
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ☐

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 34910

ROOM/AREA MILLWRIGHT OFFICE

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures ☐
2. Reduce indoor lighting where illumination exceeds AEI recommended levels ☐
3. Increase daylighting ☐
4. Lower light fixtures ☐
5. Improve reflection and dispersion with light-colored ceiling and walls ☐

B. Improve lighting controls

1. Install occupancy controls to control lighting ☒
2. Install photocells to lighting near windows ☐
3. Install additional switches to control lighting arrangements ☐
4. Use time-clocks to shut off exterior building lights ☐

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps ☐
2. Replace incandescent lamps in exit sign fixtures with LED fixtures ☐
3. Replace incandescent lamps in exit signs with compact fluorescent lamps ☐
4. Replace standard fluorescent lamps with energy-conserving lamps ☒
5. Replace standard fluorescent ballasts with electronic ballasts ☒
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ☒
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ☐

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # _____

Area Description: MILLWRIGHT SHOP

Area Dimensions: DRAWING ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: _____

Switching - Type: WALL No. 4

Accessibility to User: OK

Hours of Operation: 0615 - 1730

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
_____	_____	<u>19</u>	<u>35</u>	<u>25</u>	<u>8</u>
					H.P. SODIUM

2 - H.P. SODIUM - 150W
1 - 8' 4" LAMP INDUS. CLOSED APERTURE STD LAMP/BALLAST
1 - 4" LAMP 4' - ACRYLIC LENS - STD LAMP/BALLAST
1 - 2" LAMP 4' - INDUSTRIAL
1 - 4' 4" LAMP SAME AS INST. SHOP

ALL 10' SUSPENDED

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # _____

Area Description: TOOL + DIE LUNCH ROOM

Area Dimensions: 29 ft X 36.5 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 2'x4' RECESSED ACRYLIC LENS

Switching - Type: WALL No. 2

Accessibility to User: OK

Hours of Operation: 0530 - 1730

Lamp Model: F40-CW Ballast Model: STD

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>12</u>	<u>52</u>	<u>52</u>	_____

CEILING - 9'

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 34910

ROOM/AREA MILLWRIGHT SHOP

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures ☐
2. Reduce indoor lighting where illumination exceeds AEI recommended levels ☐
3. Increase daylighting ☐
4. Lower light fixtures ☐
5. Improve reflection and dispersion with light-colored ceiling and walls ☐

B. Improve lighting controls

1. Install occupancy controls to control lighting ☒
2. Install photocells to lighting near windows ☐
3. Install additional switches to control lighting arrangements ☐
4. Use time-clocks to shut off exterior building lights ☐

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps ☐
2. Replace incandescent lamps in exit sign fixtures with LED fixtures ☐
3. Replace incandescent lamps in exit signs with compact fluorescent lamps ☐
4. Replace standard fluorescent lamps with energy-conserving lamps ☒
5. Replace standard fluorescent ballasts with electronic ballasts ☒
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ☒
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ☐

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 34910

ROOM/AREA Tool + DIE Lunch Room

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures ☐
2. Reduce indoor lighting where illumination exceeds AEI recommended levels ☐
3. Increase daylighting ☐
4. Lower light fixtures ☐
5. Improve reflection and dispersion with light-colored ceiling and walls ☐

B. Improve lighting controls

1. Install occupancy controls to control lighting ☒
2. Install photocells to lighting near windows ☐
3. Install additional switches to control lighting arrangements ☐
4. Use time-clocks to shut off exterior building lights ☐

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps ☐
2. Replace incandescent lamps in exit sign fixtures with LED fixtures ☐
3. Replace incandescent lamps in exit signs with compact fluorescent lamps ☐
4. Replace standard fluorescent lamps with energy-conserving lamps ☒
5. Replace standard fluorescent ballasts with electronic ballasts ☒
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ☒
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ☐

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # _____

Area Description: TOOL + DIE SHOP

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 8' SUSPENDED OPEN AIR

Switching - Type: _____ No. _____

Accessibility to User: _____

Hours of Operation: 0530 - 1730

Lamp Model: F96 T-12 CW 75W

Ballast Model: STD

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	_____	_____	_____	_____

FIXTURE HEIGHT - 12'

CHECK OFFICES &
AREA

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # _____

Area Description: BGU - COMPUTER WORK AREA

Area Dimensions: SEE DRAWING ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: SUSPENDED - TRAFFER GRID

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: _____

Lamp Model: F40-CW

Ballast Model: STD

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>4</u>	<u>35</u>	<u>38</u>	_____

FIXTURE HEIGHT - 9'

34-910

TOOL
OFFICE



FIXTURES

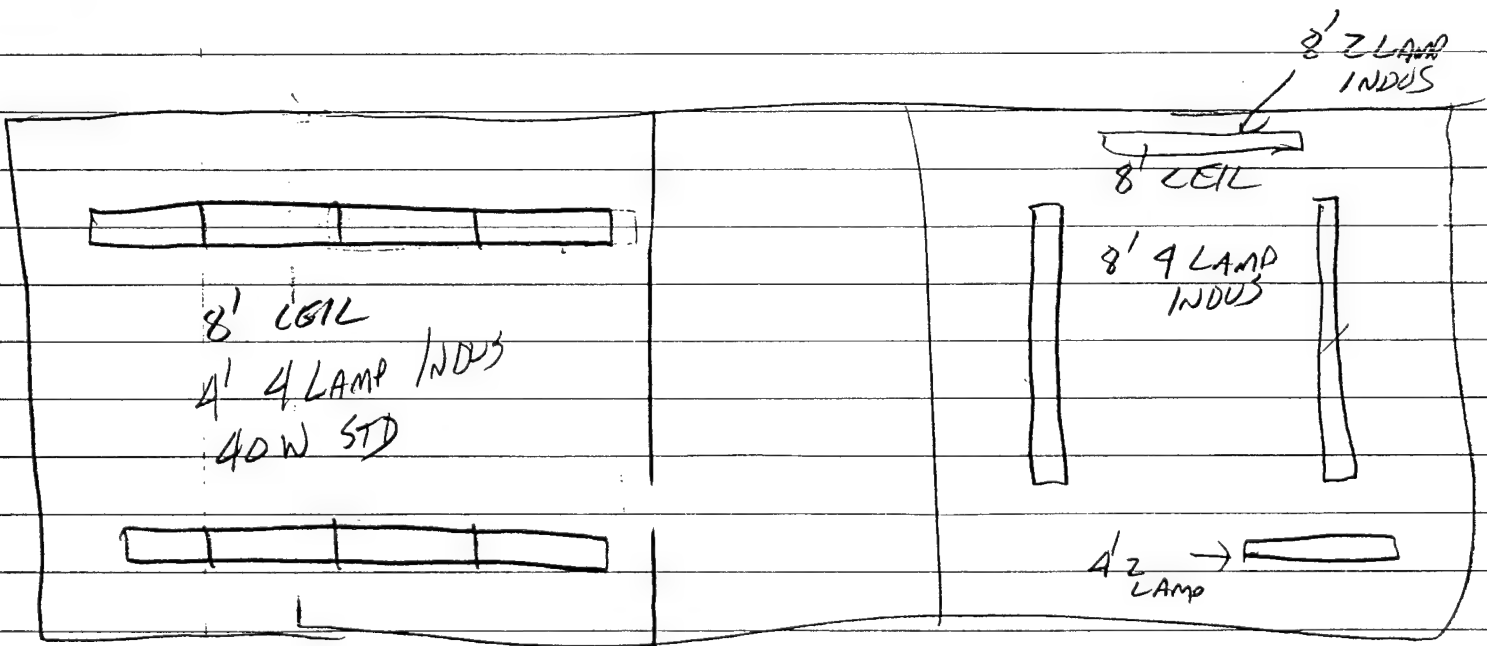
8' INDUS.
2 LAMP
60 W
12' H/4

TOOL OFFICE

9.5' x 10' + 11'9" x 10'4'
3- 4x2 S.M.A.
40 W STD

4B

HALLWAY B1 TOOL SHOP - 2 8' 4 LAMP



LIGHTING SURVEY ECO CHECK-LIST

BLDG # 34910

ROOM/AREA B6U - COMPUTER

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures _____
2. Reduce indoor lighting where illumination exceeds AEI recommended levels _____
3. Increase daylighting _____
4. Lower light fixtures _____
5. Improve reflection and dispersion with light-colored ceiling and walls _____

B. Improve lighting controls

1. Install occupancy controls to control lighting _____ ✓
2. Install photocells to lighting near windows _____
3. Install additional switches to control lighting arrangements _____
4. Use time-clocks to shut off exterior building lights _____

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps _____
2. Replace incandescent lamps in exit sign fixtures with LED fixtures _____
3. Replace incandescent lamps in exit signs with compact fluorescent lamps _____
4. Replace standard fluorescent lamps with energy-conserving lamps _____ ✓
5. Replace standard fluorescent ballasts with electronic ballasts _____ ✓
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps _____ ✓
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. _____

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # _____

Area Description: B6U - BREAK ROOM

Area Dimensions: 13 ft X 12.5 ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: SURFACE MOUNTED WRAP AROUND - ACRYLIC

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: 0615 - 1845

Lamp Model: _____

Ballast Model: _____

Lamps/
Fixture

Ballast/
Fixture

No.
Fixture

FC

FC

FC

4

2

3

148

CEILING - 8'

LIGHTING SURVEY DATA SHEET

BLDG. # 34910

ROOM # _____

Area Description: B6U OFFICE #1

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: SAME AS COMPUTER AREA

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: 0615 - 1745

Lamp Model: _____

Ballast Model: _____

Lamps/
Fixture

Ballast/
Fixture

No.
Fixture

FC

FC

FC

4

2

2

63

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 34910

ROOM/AREA B60 BREAKROOM

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures ✓
2. Reduce indoor lighting where illumination exceeds AEI recommended levels ✓
3. Increase daylighting _____
4. Lower light fixtures _____
5. Improve reflection and dispersion with light-colored ceiling and walls _____

B. Improve lighting controls

1. Install occupancy controls to control lighting ✓
2. Install photocells to lighting near windows _____
3. Install additional switches to control lighting arrangements _____
4. Use time-clocks to shut off exterior building lights _____

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps _____
2. Replace incandescent lamps in exit sign fixtures with LED fixtures _____
3. Replace incandescent lamps in exit signs with compact fluorescent lamps ✓
4. Replace standard fluorescent lamps with energy-conserving lamps ✓
5. Replace standard fluorescent ballasts with electronic ballasts ✓
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps _____
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. _____

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 34K110

ROOM/AREA B60 OFFICES

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures ☐
2. Reduce indoor lighting where illumination exceeds AEI recommended levels ☐
3. Increase daylighting ☐
4. Lower light fixtures ☐
5. Improve reflection and dispersion with light-colored ceiling and walls ☐

B. Improve lighting controls

1. Install occupancy controls to control lighting ☒
2. Install photocells to lighting near windows ☐
3. Install additional switches to control lighting arrangements ☐
4. Use time-clocks to shut off exterior building lights ☐

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps ☐
2. Replace incandescent lamps in exit sign fixtures with LED fixtures ☐
3. Replace incandescent lamps in exit signs with compact fluorescent lamps ☐
4. Replace standard fluorescent lamps with energy-conserving lamps ☒
5. Replace standard fluorescent ballasts with electronic ballasts ☒
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ☒
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ☐

LIGHTING SURVEY DATA SHEET

BLDG. # 34910 ROOM # _____

Area Description: BGU OFFICE #2

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: SAME AS COMP. AREA

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: 0615-1645

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>2</u>	<u>4</u>	<u>2</u>	—	—	—

*LOCKED COULD NOT GET IN

LIGHTING SURVEY DATA SHEET

BLDG. # 34910 ROOM # _____

Area Description: BGU - ENTRANCE

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: SUSPENDED CLOSED APERTURE

Switching - Type: WALL No. 1

Accessibility to User: _____

Hours of Operation: 0615-1645

Lamp Model: FHD CW Ballast Model: STD

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>1</u>	<u>35</u>	—	—

Fixture Height - 10'3"

LIGHTING SURVEY DATA SHEET

BLDG. # 34910 ROOM # _____

Area Description: B60 KITCHEN

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: 8' GASKETED

Switching - Type: WALL No. 1

Accessibility to User: OK

Hours of Operation: 0615-1645

Lamp Model: F40 CW Ballast Model: STD

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
<u>4</u>	<u>2</u>	<u>2</u>	<u>45</u>	_____	_____

LIGHTING SURVEY DATA SHEET

BLDG. # _____ ROOM # _____

Area Description: _____

Area Dimensions: _____ ft X _____ ft.

Fixture Grid: _____ ft X _____ ft. (center-to-center)

Fixture Type: _____

Switching - Type: _____ No. _____

Accessibility to User: _____

Hours of Operation: _____

Lamp Model: _____ Ballast Model: _____

Lamps/ Fixture	Ballast/ Fixture	No. Fixture	FC	FC	FC
_____	_____	_____	_____	_____	_____

LIGHTING SURVEY ECO CHECK-LIST

BLDG # 34910

ROOM/AREA BGU - KITCHEN

A. Reduce/enhance lighting

1. Remove unneeded lamps or fixtures ☐
2. Reduce indoor lighting where illumination exceeds AEI recommended levels ☐
3. Increase daylighting ☐
4. Lower light fixtures ☐
5. Improve reflection and dispersion with light-colored ceiling and walls ☐

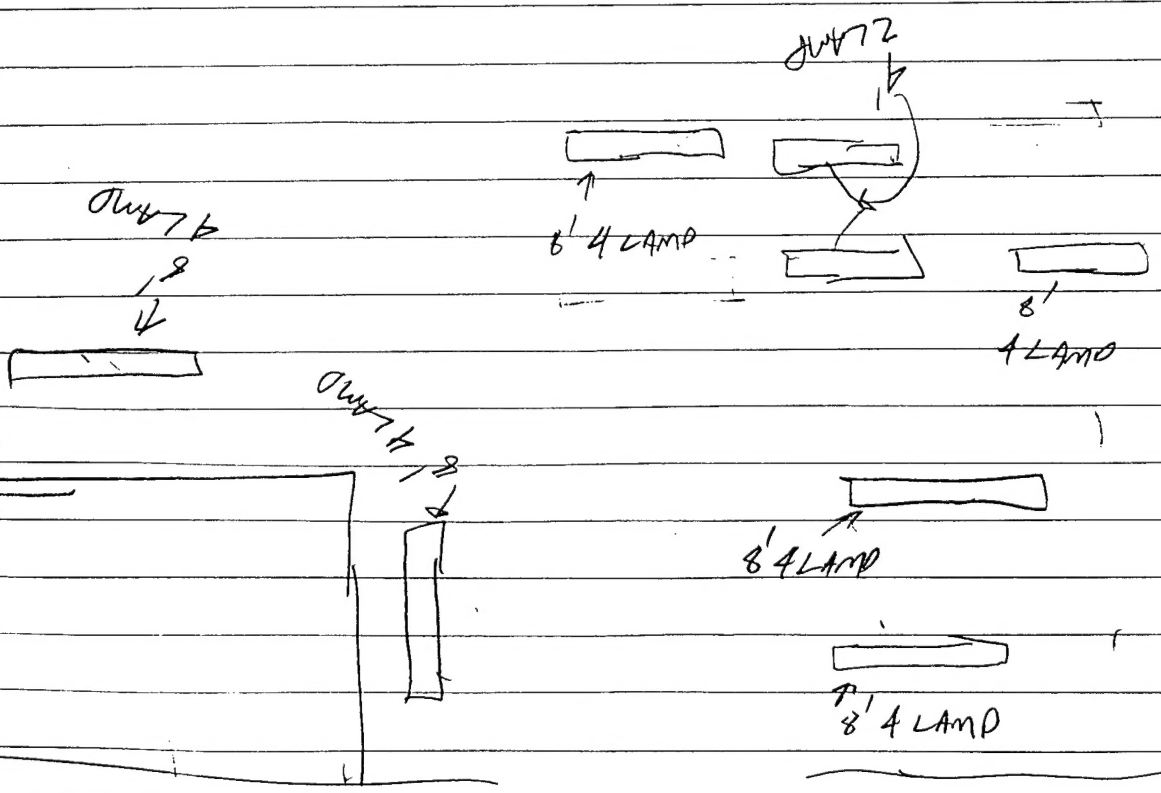
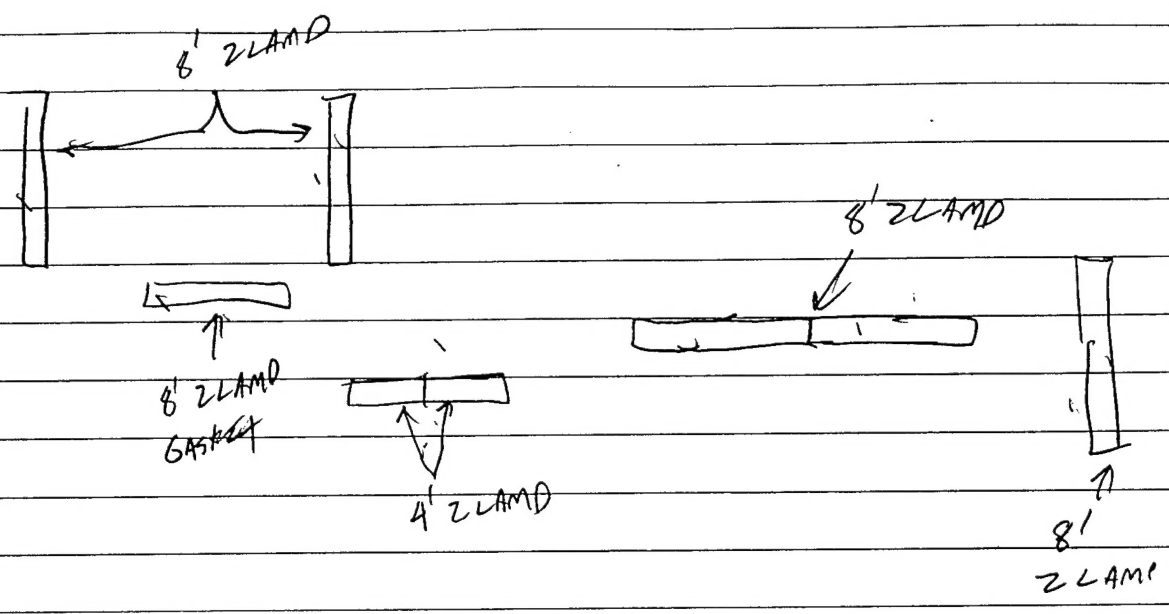
B. Improve lighting controls

1. Install occupancy controls to control lighting ☒
2. Install photocells to lighting near windows ☐
3. Install additional switches to control lighting arrangements ☐
4. Use time-clocks to shut off exterior building lights ☐

C. Improve lighting efficiency

1. Replace incandescent lamps in kitchen, hallway, and bathroom fixtures with compact fluorescent lamps ☐
2. Replace incandescent lamps in exit sign fixtures with LED fixtures ☐
3. Replace incandescent lamps in exit signs with compact fluorescent lamps ☐
4. Replace standard fluorescent lamps with energy-conserving lamps ☒
5. Replace standard fluorescent ballasts with electronic ballasts ☒
6. Replace existing fluorescent fixtures with new fixtures having efficient reflectors, electronic ballasts, and energy-conserving lamps ☒
7. Use more efficient lighting sources, i.e., upgrade from incandescent to fluorescent, from fluorescent to HID, from mercury vapor to high-pressure sodium, etc. ☐

INDUSTRIAL CLOSED AREA



Upper
Rooms

8' 2 LAMP
STRIPS

60W
F96T-12

12' HIGH

2' APART

→
OFFICE

5' 0" 2 LAMP
STRIPS

18

87